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Henderson.
62.61
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G. H. HICKS
SEED LABORATORY
DIVISION OF BOTANY,
DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C.

PETER HENDERSON & Co.

35 & 37 CORTLANDT ST.
1894
NEW YORK.

Manual of Everything for the Garden.

PRICE 20 cts.

THIS BOOK

Our Manual of Everything for the Garden for 1894

IS A COMPLETE CATALOGUE OF

SEEDS, PLANTS, BULBS, TOOLS, FERTILIZERS, ETC.

FOR THE GARDEN, GREENHOUSE, FARM AND LAWN.

WE HAVE ENDEAVORED to make it the handsomest work of its kind ever issued. We mail it annually to our Customers Free, and while we should be pleased to send it to intending purchasers without charge, yet there is no way to discriminate between such and the thousands of collectors of catalogues through mere curiosity, to whom we are not justified in sending so expensive a work gratis. Therefore, to protect ourselves, we request new applicants to remit 20 cents, on receipt of which we will mail this catalogue; which amount can be deducted from the first order.

When and How Customers Should Order, Remit, Etc.

WHEN BEST TO ORDER.

WE ARE fully equipped for filling orders and fully supplied with fresh seeds immediately this catalogue is issued, yet our heaviest rush comes in March and April, and it will greatly relieve this rush if customers will ***order at as early a date as possible.*** Do not wait until you are ready to sow or plant; ***if you do not wish your seeds or plants until some later date, we will get them ready and ship them whenever desired.***

HOW BEST TO ORDER.

BY WRITING out your order on the order sheets which accompany this catalogue you will greatly facilitate our work. ***Kindly use the orange order sheet*** for seeds, bulbs, tools, etc., catalogued on the white pages, and the ***blue order sheet*** for plants, etc , catalogued on the yellow pages, When goods are ordered from both seed and greenhouse establishments, we always combine the orders and make one shipment.

Be sure to sign your name and give your address. Many orders reach us lacking either or both; customers when writing about unsigned orders will aid us in identification by mentioning some of the articles ordered.

Give full shipping instructions on each and every order you send. To avoid chance of error, never write letters on the same sheet as your order.

Customers can shop by express. Express companies have now purchasing departments in all their offices. If you wish to order goods from us to be sent by express, ask for a Purchasing Order Blank at any express office, and it will be supplied and forwarded without charge, other than usual rates for returning goods.

Orders from unknown correspondents, not accompanied by a remittance, should send New York reference—to save delay—if goods are not wanted *C. O. D.*

HOW BEST TO REMIT.

REMITTANCES should be made either in the form of a ***P. O. Money Order, Bank Draft, Express Money Order, Express Purchasing Order or Registered Letter.*** Remittances in any other way are entirely at the sender's risk.

DIFFERENT METHODS AND COST OF SENDING MONEY.

POST Office Orders cost, for any amount up to $5, 5 cents; over $5 to $10, 8 cents; over $10 to $15, 10 cents; over $15 to $30, 15 cents; over $30 to $40, 20 cents; over $40 to $50, 25 cents; over $50 to $60, 30 cents; over $60 to $70, 35 cents; over $70 to $80, 40 cents; over 80 to 100, 45 cents. ***Postal Notes*** cost 3 cents, and are issued for any amount below $5. ***Bills, coin*** or ***stamps*** (the latter received as cash) can be sent in a ***registered Letter*** at a cost of 8 cents above postage for registering. ***Express Money Orders*** are issued by all important express companies at their offices or agencies, and cost, for amounts not over $5, 5 cents; $10, 8 cents; $20, 10 cents; $30, 12 cents; $40, 15 cents; $50, 20 cents; or ***money*** can be sent ***by express.***

PETER HENDERSON & CO.

35 and 37 Cortlandt St.

ALFRED HENDERSON, PRESIDENT.
CHARLES HENDERSON, VICE-PRES'T AND TREAS.

New York.

...he greatest care to have all Seeds, Plants and Bulbs pure and reliable, we do not give any warranty express or implied.—If the purchaser ...oods on these conditions, they must be returned at once, and the money that has been paid for same will be refunded.—P. H. & CO.

1894. —— ORDER SHEET FOR SEEDS, Etc. —— 1894.

PETER HENDERSON & CO., 35 & 37 Cortlandt St., New York.

Date ..... 1894. Please forward by ..... {State if wanted by mail; Express [and Company]; Freight [and Route]; Steamer [and Line].

To M ..... ; Gardener's Name .....

Post Office ..... ; County ..... ; State .....

Station ..... ; County ..... ; State .....

Enclosed find Cash, $ ..... ; Draft, $ ..... ; P. O. Order, $ ..... ; Postal Note, $ ..... ; or send C. O. D, $ .....

SPECIAL NOTICE to customers desiring Seeds by Mail. All seeds from this catalogue offered in packets, ounces and 1-4 lbs. will be mailed free; but in quantities of 1-2 lb. and upward, of one variety, postage, at the rate of 8 cts. per pound, must be added to the catalogue prices.

To Peas and Beans add at the rate of 15 cts. per quart, and to Corn, 10 cts. per quart.

THE LARGE PRINTED ORDER SHEET we have been obliged to omit this season on account of this catalogue being so crowded with colored plates, etc.; we will, however, send one or more copies of our printed order sheets for '94 on application to all who desire them.

QUANTITY	ARTICLES	PRICE	

QUANTITY	ARTICLES		
	Amount brought forward,		

		Amount carried forward,	

HENDERSON'S TESTED SEEDS

!! RECEIVED OVER 30 AWARDS !!

at the World's Columbian Exposition, more than all of our Competitors combined.

Read the story on pages 4 and 5.

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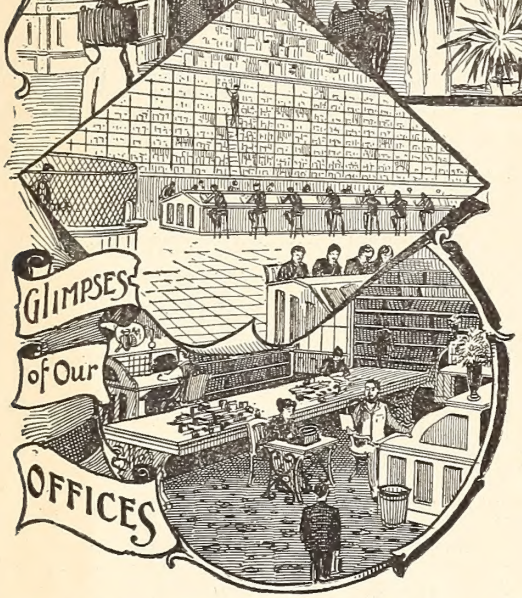
IMPORTANT! **All intending purchasers should read our instructions How to Order, Remit, etc., on opposite page**



·1894·

IN presenting our Catalogue for this season, we desire to call attention to several changes and improvements in this, the most simple and yet attractive edition ever issued.

While we have this season our full quota of novelties in vegetable and flower seeds and plants, yet, as in the past, we have particularly emphasized the old standard sorts that have stood the test of years.

As predicted in our Catalogue of last year, our various exhibits at the World's Fair last summer were far superior to anything that has ever been attempted in the horticultural line, either in this country or in Europe, as thousands who visited the "White City" in 1893 can testify. Full details of our prizes and awards will be found on page 5.

This past season we have again found it necessary to make important structural alterations and improvements in our New York establishment, to keep pace with our rapidly growing business. We have also secured enlarged storage at Jersey City, which enables us to extend and improve our facilities for the filling of orders in our New York stores. Then, last but not least, we have established at Hackensack, Bergen County, N. J., an Experimental Farm on a much larger scale than anything ever before attempted. Here, and at Jersey City Heights, we carefully test everything we sell, whether it be seeds, bulbs or plants, and what is found wanting is cast aside, while everything that is of merit is carefully noted and still further selected and improved.

Now in regard to Prices for 1894.

We would state that owing to the extreme drought that prevailed in Europe and in most parts of the United States last summer, many seed crops are exceedingly short, yet owing to the fact that we placed much heavier contracts than usual, we are in a very strong position in the matter of stock, and while some few items are necessarily a little higher in price than last season, yet, over all, our prices will be found **even lower than in 1893.**

The step that we took last year of doing away with the giving of books, etc., in premiums, and reducing prices to the lowest net basis, gave universal satisfaction to our customers, and will be continued this year.

GOOD NEWS FOR PLANT BUYERS.

After long and persistent effort we have succeeded in getting the express companies to **reduce their rates** on **twenty per cent.** This we regard as the most important advantage that has been secured for the benefit of plan chasers in many years. This substantial reduction will enable thousands to procure their supplies in this way wh previously been debarred. We have always advised the use of the express companies in the shipment of pla they invariably arrive in better condition when sent by that method than by any other. The advantage to th trade in general that will accrue from this reduction can hardly be estimated.

INDEX.

For years past our index has been placed on the second page of cover of this Catalogue. This will be found on the page adjoining, the first regular page of the Catalogue (page No. 1). W made it very complete, so as to assist in the ready finding of any article desired.

When and How Peter Henderson & Co. Fill Orders, Ship, etc.

WHEN WE EXECUTE ORDERS.

EVERY ORDER IS FILLED IMMEDIATELY on arrival, or is acknowledged if, under rare circumstances, its shipment is likely to be delayed for a day or two. If goods, notification of shipment or acknowledgment of order is not received by the customer after a reasonable lapse of time, it may be assumed that the order has miscarried, or that the name or address was omitted from the order. We will, where notified of such a case, use our best efforts to trace it without delay.

We fill orders of all values from 10 cts. to $5,000, and all, whether large or small, receive the same careful and prompt attention.

WE MAIL SEEDS AND PLANTS.

We pay the postage on all seeds in packets, ounces and quarter-pounds purchased from this catalogue.

We only charge postage on bulk quantities, viz.: Customers will please add at the rate of 8 cts. per lb. to the catalogue prices for seeds purchased in quantities of ½ lb. and upward of one variety, and to the catalogue price of Peas and Beans add at the rate of 15 cts. per quart, and to Corn at the rate of 10 cts. per quart, to pay postage. *We are obliged to require postage on the bulk quantities just mentioned, for we not only have an enormous counter trade, but a large proportion of our customers have their goods shipped by freight or express, consequently we could not, in equity, base our prices to include postage.*

Plants by mail. All plants (with exceptions noted below) purchased from this catalogue and ordered to be sent by mail, will be sent post-paid, but in the absence of such instructions we invariably send them by express. A few plants cannot be sent by mail because they are too large, notably the larger sizes of Palms, Pandanus and other decorative plants, *first size* Roses of all kinds, large Rhododendrons and Magnolias, etc., etc.

About Packing and Shipping and No Charge Made.

We make no charge for packing, cases, baskets, packages or barrels, and pack as lightly as possible, consistent with safety, so as to reduce the cost of carriage. In fact, we assume extra expense in supplying light, strong cases, and, where possible, we pack in baskets covered with waterproof canvas, which greatly reduces weight.

Cloth bags only we charge for, and these at cost, viz.: 1 *peck*, 10*c.*; ½ *bush.*, 12*c.*; 1 *bush.*, 15*c.*; 2 *bush.*, 20*c.* **All grass seed bags,** excepting bags for Timothy and Clover, are furnished free.

Special packing of seeds for foreign shipments. We pack seeds, when necessary, in tin-lined cases or double sacks and charge for them at cost.

We make no charge for cartage or delivery of goods to any railroad station, steamship line or express office in New York City.

The safe arrival is guaranteed of all goods sent by express to any part of the United States or Canada. We ship plants at all seasons of the year, even in the coldest weather.

The advantage that we possess in shipping from New York is pronounced on account of the many different routes by which we can ship, and the consequent competition in speed and transportation rates, thereby securing for our customers quick delivery at the lowest cost. In most instances customers can get their goods more quickly and cheaply from us than when ordered nearer home.

HAVE YOUR PLANTS SENT BY EXPRESS.

IMPORTANT NOTICE.—After lengthy negotiations, we have succeeded in obtaining a lower rate on plants from the express companies, so that henceforth they will be carried at a reduction of 20 per cent. from the rates previously in force. **We therefore urgently advise that plants be sent by express,** because they arrive in better condition, and we can send larger plants. We pack very light to reduce the expressage to the minimum, and to encourage customers to have plants sent by express **we will add enough plants, gratis,** of our selection, to generally more than equal the amount of expressage that the purchaser pays.

Correspondence, Advice, etc. We are always glad to give any information in our power to our customers on any subject pertaining to our business, but, to avoid error, this should always be written on separate paper to that used for orders.

All orders and letters on business should be addressed to the firm, Peter Henderson & Co., 35 and 37 Cortlandt Street, New York. If the special attention of any member of our establishment is desired, by so stating *in your letter or order* we shall be pleased to refer it to the party mentioned. *Envelopes* addressed to special persons are frequently the cause of long delays, on account of absence or sickness.

Gardeners' and Head-Farmers' Situations. We have at all times a number of practical gardeners' and farm-managers' names on our books who are in want of situations. If parties desiring such will write to us we shall be glad to put them in communication with men that we deem suitable. To aid us in making a selection we ask that prospective employers in writing us will please state full particulars, whether a married or single man is wanted and the nature of the situation to be filled, also about what wages they expect to pay and any other particulars which they wish to state. We make no charge for this service, either to employer or employee.

Beware of Fraudulent Traveling Agents. Every season we have complaints from Retail buyers in different sections of the country of parties who fraudulently represent us and collect money in our name. Our customers are warned against paying money to any one in this way. All remittances should be sent direct to our firm.

SEED TESTING.

The practice which we inaugurated years ago of testing before selling all seeds, both for germination and purity of stock, is now imitated by nearly every seed house in this country. But we claim, as pioneers in this, a system possessed by no other dealer. The usual custom is to sprout seeds on damp cotton or paper; by this unnatural method a high and misleading percentage of growth is obtained which is not borne out in practical tests. **Our method is to sow the seeds in "old mother earth,"** thus arriving at the actual percentage the seeds will grow. This can only be done in a greenhouse establishment such as ours, where we have houses kept at the various temperatures required by the nature of the seed.

OUR TRIAL GROUNDS.

Here all the varieties of vegetable and flower seeds are grown to perfection, and progress of each sample is watched by experts day by day, and the slightest inferiorities in any of our stocks are thus at once detected. We believe that by this system we throw more safeguards around our customers than any other house in the trade, yet, despite all care, crops will fail and seeds will fail to germinate, from causes beyond our control. **Hence, to guarantee seeds to invariably produce a perfect crop is little short of quackery.** And while we are justified in believing that the seeds we offer are unsurpassed in quality, still, for the reasons above given, we do not (and our employees also have strict orders never to do so), under any circumstances, guarantee or warrant seeds.

OUR RED TRADE-MARK LABEL.

Every package, large or small, of vegetable seeds sent from our establishment is sealed with our **Red Trade-Mark Label** (copyrighted), and as our jobbing trade is supplied with our seeds sealed in this manner, you will consequently be perfectly justified in refusing any packages of seed not bearing this trade-mark. We have been reluctantly forced to adopt this method for our mutual protection, as every season we have cases where unscrupulous dealers foist a cheap and inferior article on purchasers under the name of "Henderson's Seeds." Insist that every package you buy bears our **Red Trade-Mark Label,** which we here illustrate.

Special Notice.—*While we exercise the greatest care to have all Seeds, Plants and Bulbs pure and reliable, we do not give any warranty, express or implied. If the purchaser does not accept the goods on these conditions they must be returned at once, and the money that has been paid for same will be refunded.—P. H. & Co.*

OF all the charming features which contributed to the grandeur of the

WORLD'S COLUMBIAN EXPOSITION,

not one was so universally admired as were the beautiful lawns sown with The "Henderson" Lawn Grass. In that great "White City" it was impossible for every one to examine all the exhibits, but the velvety lawns were always before the multitudes and were the subject of more flattering encomiums than any single one of the magnificent sights. Where the work of construction rendered it possible, the lawns were sown in the Fall of 1892, but in most instances it was necessary to wait until Spring, and several of them were not sown until April, just a few days before the opening of the Fair, yet within six weeks from time of sowing, the ground was transformed into *velvety lawns,* which, notwithstanding the long-continued drought of last Summer, *retained their verdure throughout the entire season* until the close of the Fair.

The above view shows one of our Lawns on the lagoon slope, in front of the Government Building, with the large Manufactures and Liberal Arts Building to the right in the rear.

These lawns were sown with *The "Henderson" Lawn Grass,* identically the same as we offer to our customers, any one of whom can with ordinary care equal and even surpass the results obtained at the World's Fair if the simple directions be followed which are given in our pamphlet "How to Make a Lawn," enclosed in all packages of *The "Henderson" Lawn Grass.*

Office of Director-General,
World's Columbian Exposition,
Chicago, Ill., Dec. 1st, 1893.

Your lawns at the World's Columbian Exposition were as nearly perfect as lawns could be made. The sod was dense, contained no extraneous weeds or grass, and the color from every point viewed was uniform in appearance. They were in excellent condition during the entire period of the World's Fair.

J. M. SAMUELS,
Chief, Dep't of Horticulture.

The quantity required for making new lawns is 5 bushels per acre, or for renovating old lawns 1 to 2 bushels. For a plot 15x20, or 300 square feet, 1 quart is required for new or 1 pint for renovation. **Price, 25c. per quart, $1.50 per peck, $5.00 per bush.** (*If by mail, add at the rate of 5c. per quart for postage.*)

Office of Director of Works,
World's Columbian Exposition,
Chicago, Ill., Dec. 5th, 1893.

The "Henderson" Lawn Grass Seed was used on the World's Fair grounds, and it affords me pleasure to say that the quality of the seed was first-class in every respect, forming lawns rapidly which stood the droughts of the past Summer, making a thick sod, and is more durable than any other we have used.

R. ULRICH,
Sup't Landscape Dep't.

FOR FURTHER PARTICULARS SEE PAGE 54.

OUR World's Fair Exhibits.

HORTICULTURAL EXHIBIT.

THOUGH the views presented on this page give but an imperfect idea of the extent of our exhibits, our friends who visited the **WORLD'S COLUMBIAN EXPOSITION** *will recognize them as glimpses of the highly interesting and instructive displays we erected in the Horticultural and Agricultural Buildings.*

In themselves, seeds are generally uninteresting, especially in an International Exposition, teeming with the world's triumphs in Art and Manufactures; but, when finally completed, our displays were on a degree of perfection never hitherto attempted, and proved to be **centres of attraction** *from the beginning to the close of the Fair.*

It being impossible to keep up for six months a continuous supply of representative vegetables, we decided on the plan of making models of wax and other materials, exact reproductions of specimens grown in our own trial grounds. This, and the details of arrangement, consumed the greater part of the **two years spent in preparation,** *the getting together of the seeds we exhibited being a comparatively small matter, as they were taken out of our regular stocks, such as we supply to our customers, yet we were granted for seeds*

OVER THIRTY MEDALS AND AWARDS,

More than all our competitors combined, *a record unheard of in the annals of the seed trade, and an emphatic endorsement of the fact that* **HENDERSON'S TESTED SEEDS are superior to all others.**

In the HORTICULTURAL BUILDING our exhibit covered over one thousand square feet, occupying a prominent position in the North Pavilion, where it was admitted to be the leading attraction. Standing on a foundation of books written by the late Peter Henderson, suggesting the foundation of our success, was a large-sized model of our New York store on a scale of one inch to a foot, lighted within by numerous electric lights, and having a number of figures moving in and out the doors added life and interest, giving it all the appearance of one of our busy days in spring.

AGRICULTURAL EXHIBIT.

Upwards of four hundred models showed the leading vegetables correctly named and true to shape and color, enabling thousands to note the varieties they most desired.

A complete collection of Vegetable and Flower Seeds, displayed in an attractive manner, along with an assortment of Flowering Bulbs, **for each of which we received the highest awards,** *completed our exhibit of*

"EVERYTHING FOR THE GARDEN."

The bottom view represents our exhibit on the main floor of the AGRICULTURAL BUILDING, consisting of agricultural seeds. The most important feature in this display was the complete collection of **Grasses** *and* **Fodder Plants** *suitable for all purposes, soils and climates, for which we received no less than* **Seventeen Awards.**

SPECIAL OFFER: If ordered at one time, we will supply the full set of nine books, offered on pages 6 and 7, cariage prepaid, for $10.00. (Separately, they would cost $13.75.) This set of books form A COMPLETE LIBRARY OF THE GARDEN, GREENHOUSE AND FARM. **FOR $10.00**

GARDENING FOR PROFIT

BY PETER HENDERSON.

IF you wish to grow Vegetables for Sale, read GARDENING FOR PROFIT. The personal success of its author during his long career as a market gardener, and the success of thousands from the time he first made his cultural methods known up to the present day, shows the popular estimation of the value set upon this great work. All over the land it opened up the market gardening interest, for it should be always remembered that this was the first work ever written on market gardening in this country. To the South alone its value is almost beyond computation, for the enormous trucking interests already there, and which are constantly on the increase, owe their birth entirely to, and subsequent development mainly to the teachings of GARDENING FOR PROFIT. Written particularly for the Market Gardener and Truck Farmer, yet it is of equal value for large private gardens. The first edition of GARDENING FOR PROFIT was published in 1866; it has been revised twice since, and its sale has been so large that up to this time 43 editions have been printed. **The present edition** was revised and greatly enlarged in the summer of 1886. Its scope has been greatly extended since the earlier editions were published. The varieties in vegetables recommended for market culture have also been carefully revised; so that what is now advised to plant are kinds in general use at this time.

CONTENTS.

The Forcing of all important Vegetables and Fruits under Glass—The Men Fitted for the Business—The Amount of Capital required and Working Force per Acre—Profits of Market Gardening—Location, Situation and Laying Out—Soils, Drainage and Preparation—Manures—The Uses and Management of Cold Frames—Protecting Cloth in lieu of Sashes—Spring raising of Cabbage, Cauliflower and Lettuce—Formation and Management of Hot-Beds—Forcing Pits or Greenhouses—Wide Greenhouses for Vegetable Crops—Forcing Strawberries—Seeds and Seed Raising—How, When and Where to Sow Seeds—Transplanting—Vegetables, their Varieties and Cultivation—When to Sow and Plant in the Southern States—Packing of Vegetables for Shipping—Preservation of Vegetables in Winter—Insects—Culture of Small Fruits—Monthly Calendar of Operations.

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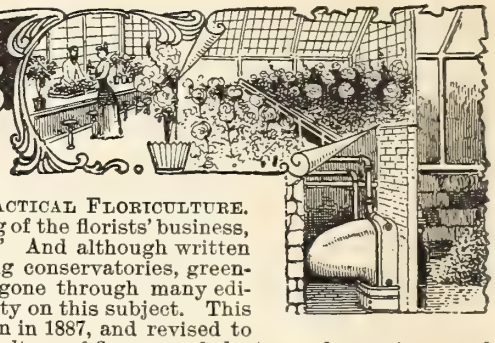
PRACTICAL FLORICULTURE.



BY PETER HENDERSON.

IF you wish to become a Commercial Florist, then of all books you should procure PRACTICAL FLORICULTURE. We have any number of complimentary letters from people who actually knew nothing of the florists' business, but who followed the instructions in this work and are now "full-fledged florists." And although written especially for the Commercial Florist, it is equally valuable to the amateur and all having conservatories, greenhouses, window gardens, etc. PRACTICAL FLORICULTURE was first issued in 1868, has gone through many editions and had an enormous sale, and is admitted to be the leading American authority on this subject. This present edition of PRACTICAL FLORICULTURE was greatly enlarged by Mr. Henderson in 1887, and revised to keep abreast of the times, as there are now many superior methods of propagation and culture of flowers and plants—and many improved varieties of plants—all of which have been fully treated in this new edition.

CONTENTS.

How to become a Florist—The Profits of Floriculture—Aspect and Soil—The Preparation for New and the Renovation of Old Lawns—Laying out the Flower Garden—Designs for Ornamental Grounds and Flower Gardens—Planting of Flower Beds—Soils for Potting—Temperature and Moisture—The Potting of Plants—Drainage in Pots—Cold Frames for Winter Protection—Construction of Hot-Beds—Greenhouse Structures—Glass, Glazing and Shading—Modes of Heating—Propagation of Plants by Seeds—Propagation of Plants by Cuttings—Propagating Roses by Grafting and Budding—Greenhouse Plants most in demand in Spring—Cold Frame Plants most sold in Spring—Plants most in demand for Window Decoration in Winter—Culture of Winter Flowering Plants for Cut Flowers—Rose Growing in Winter—Bulbs for Winter Flowers—Plants used for Decoration of Rooms—Construction of Bouquets, etc.—Hanging Baskets—Parlor or Window Gardening—Formation of Rock-work and Plants for Rocks—What Flowers will grow in the Shade—Succession Crops in the Greenhouse—Packing Plants—Plants by Mail—Insects and Diseases Affecting Plants—Mildew—Diary of Operations for the Year—The Culture of Grape Vines under Glass.

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GARDENING FOR PLEASURE

BY PETER HENDERSON.

WAS written to meet the wants of those desiring information on gardening for private use. Its scope therefore embraces directions for the culture and propagation of Flowers, Vegetables and Fruits. It has had a large sale, and gone through several editions, the present having been revised and greatly enlarged by the author in 1888; it exhaustively treats on the Vegetable Garden, Flower Garden, Fruit Garden, Greenhouse, Grapery, Window Garden, Lawn, the Water Garden, etc.

CONTENTS.

Preparation of the Ground—Walks—The Lawn—Design for Gardens—Planting of Lawn and Flower Beds—Fall or Holland Bulbs, etc.—Propagation of Plants by Seeds—Propagation of Plants by Cuttings—How Grafting and Budding are done—The Potting of Plants—Winter Flowering Plants—Plants suited for Summer Decoration—Window Gardening—Culture of Water Lilies and other Aquatic Plants—The Chrysanthemum—Parlor Gardening, or the Cultivation of Plants in Rooms—Greenhouses attached to Dwellings—Detached Greenhouses, Modes of Heating, etc.—Greenhouses and Pits without Artificial Heating—Flowers that will grow in the Shade—Insects and other Parasites injurious to Plants—Humbugs in Horticulture—Hardy Grapes—The Cold Grapery—The Hot-house or Forcing Grapery—The Strawberry—The Vegetable Garden—Monthly Calendar of Operations.

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NEW HAND BOOK OF PLANTS AND GENERAL HORTICULTURE

BY PETER HENDERSON.

THE original HANDBOOK OF PLANTS was issued in 1881; in ***this new edition*** all the new genera of importance are added. All botanical terms are given, and also a very full list of popular names, and all the generic names are accentuated. The natural system of arrangement is adopted in the descriptions instead of the Linnæan or artificial system; and a carefully compiled glossary of the technical terms used in describing plants. A monthly calendar of operations for the greenhouse and window garden, flower, fruit and kitchen garden, will undoubtedly render this edition valuable as a book of reference. Very full instructions are given for the culture and forcing of all Fruits, Flowers and Vegetables of importance; in short, there is sufficient matter given on all gardening subjects to allow this book to be termed **The American Gardener's Dictionary.** And it will be better adapted to the wants of American horticulturists than any of the more costly foreign works on gardening; for, though from a foreign standpoint these are all they claim to be, yet for our American climate much of the information, and especially the gardening instructions, are not only useless, but actually misleading.

CONTENTS.

About 5,000 genera of plants, alphabetically arranged, with their descriptions, individual histories, usefulness, hardiness, requirements, etc., and, where their importance justifies it, cultural instructions are given—Local, Popular or Common Names—Correct Pronunciation—Cultivation of principal Vegetables, Fruits and Flowers—Winter Forcing of Roses, Bulbs and other Plants used for Cut Flowers—Winter Forcing of Vegetables and Fruits—Monthly Calendar of Garden Operations.

Annuals, Bedding and Borders, Bouquets, Budding, Cold Frames and Pits, Color in Flowers, Conservatory, Designs, Draining, Fertilizers, Fountains, Frozen Plants, Glass and Glazing, Grafting, Grasses, Greenhouse, Hanging Baskets, Heating, Hedges, Herbaceous Plants, Herbarium, Hybridization, Insects and Insecticides, Lawn, Manures, Mulching, Moles, Orchard, Orchid Culture, Ornamental Planting, Parlor Gardening, Plant Protection, Plants in Rooms, Plants for Shady Places, Plants for Sea-side, Poisonous or Unhealthy Plants, Potting, Propagation by Cuttings, Layers, Seeds, etc., Pruning, Rock Garden and Rock Work, Rotation of Crops, Screens, Seeds, Shading, Soil, Sub-soiling, Sub-tropical Garden, Temperature, Transplanting, Trenching, Vases, Ventilating, Walks, Wardian Cases, Waterfalls, Watering, Water Lilies and Water Plants, Weeds, Wintering Plants.

Useful Tables and Memoranda on Temperature, Rain, Soil, Manures, Numbers of Plants and Trees to an Acre, Quantity of Seeds required per Acre; for a certain number of Plants; to a given length of Drill, etc.

REWRITTEN AND ENLARGED. ISSUED 1890. 526 PAGES, PROFUSELY ILLUSTRATED. PRICE, POST-PAID, $4.00.

HOW THE FARM PAYS

BY PETER HENDERSON AND WM. CROZIER.

AN acknowledged authority for Farmers. Gives all the Latest Methods of Growing Grass, Grain, Root Crops, Fruits, etc.; and all about Stock, Farm Machinery, etc., etc. It is written in a plain and easy-to-be-understood language. Everything pertaining to scientific or abstruse subjects has been ignored, the information given being the most direct ***to make the work of the farm pay,*** which the so-called scientific farmer rarely does. This is perhaps the first book of the kind ever written by two men while actually engaged in the work which, to both, has been such a continued success—hence, their advice is practical and doubly valuable.

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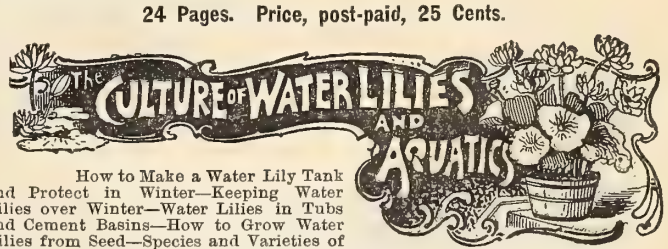

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SPECIAL OFFER: If ordered at one time, we will supply the full set of nine books, offered on pages 6 and 7, carriage prepaid, for $10.00. (Separately, they would cost $13.75.) This set of books form **A COMPLETE LIBRARY OF THE GARDEN, GREENHOUSE AND FARM.** **FOR $10.00**

HENDERSON'S

See Colored Plate
opposite

New "Pink Plume" Celery

THE MOST BEAUTIFUL CELERY THAT EVER GRACED A TABLE.

FLAVOR MOST DELICIOUS, CRISP AND NUTTY.

The Ne Plus Ultra of Celeries.

Possessing the beauty of our famous White Plume, with the superb quality of our almost equally famous New Rose.

The First and the Last Celery that is fit to use.

This new variety is conceded by critical authorities to be an advance in celeries that merits more than ordinary praise; it is an intermediate between white and red celeries, combining the good qualities of both.

To those who are acquainted with our world-famous "White Plume"—and who is not?—we can quickly describe the "PINK PLUME" by stating that it is practically identical but with the added merit of the stalks being exquisitely suffused with pink and possessing the crispness, rich nutty flavor, and long-keeping qualities for which red celeries are noted. Red celeries, notwithstanding their superior flavor, have never become popular in this country on account of the prejudice against their dark appearance. But in this new celery, "PINK PLUME," in addition to its choice "red celery flavor," we have a celery of remarkable attractiveness when trimmed for the table. The solid succulent stalks are IVORY WHITE SUFFUSED WITH DAINTY PINK, which not only delight the eye but tempt the palate of the epicure.

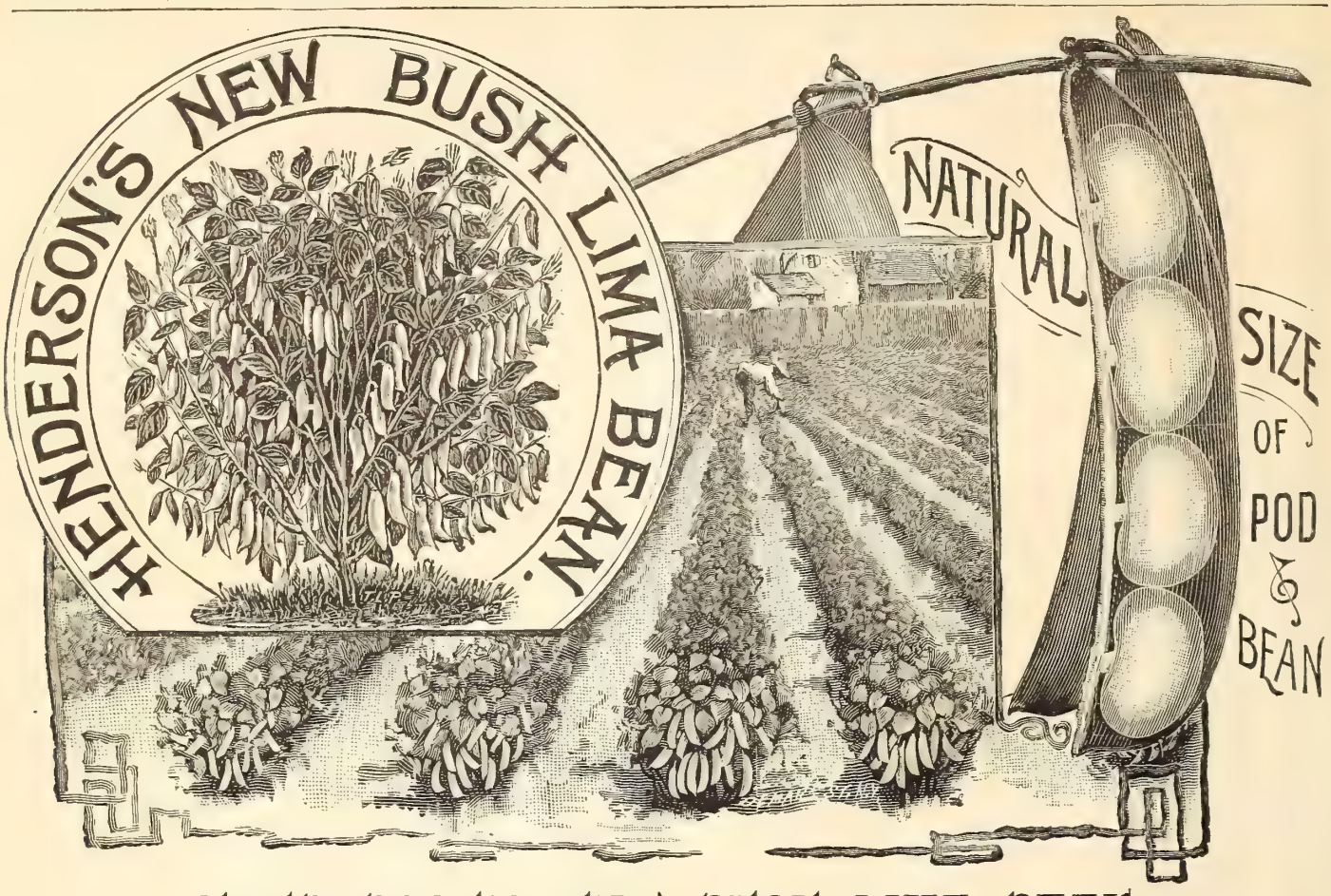
Henderson's New "Pink Plume" Celery is a strong, healthy, compact grower, with no tendency to rust; stems very solid and crisp, extra early and a long keeper, remaining when properly trenched in perfect condition away into the spring. The variegation on the tops does not show quite as early as the "White Plume," but the celery blanches and matures really a little earlier. It is a self-blanching variety in the same sense that the "White Plume" and Golden Self-Blanching are; that is, it requires but a slight earthing-up or banking to prepare this variety for the table.

We have introduced into cultivation many new vegetables which have become indispensable, but never an applicant to the gardening world with more confidence in its ability to win a permanent place than

Henderson's New "Pink Plume" Celery.

Price, 25 cts. per Packet.

Brett Lith. Co. 45 to 51 Rose St. N.Y.



HENDERSON'S NEW BUSH LIMA BEAN.

No novelty that has ever been sent out has received as wide distribution, in so short a time, as **Henderson's Bush Lima.** A few years ago the entire stock of this variety was growing on an obscure plantation in Virginia; to-day it will be found in almost every garden on this continent. This has been due to its great merit, which the public were quick to recognize. **One of the most valuable characteristics of Henderson's Bush Lima is its extreme earliness,** as it comes in from two to three weeks ahead of any of the other climbing or Bush Limas, thus supplying us with a delicious vegetable at a time when the garden is somewhat bare, filling in, as it does, the gap between Peas and the Pole Limas. The small size of **Henderson's Bush Lima,** which at first was urged as an objection to it, has proved one of the strongest points in its favor, as the public, rightly enough, prefer small beans, always associating great size in Lima beans with coarser quality. **Henderson's Bush Lima is enormously productive,** bearing continuously throughout the summer until killed by the frost. **Its greatest merit, of course, lies in the fact that it is a true bush variety,** requiring no support from stakes or poles, but, at the same time, the experience of all who have grown it has been that it excels as well in *quality, quantity* and *earliness.* (*See cut.*)

10c. per packet, 15c. per ½ pint, 25c. per pint, 50c. per quart, $3.50 per peck.

I wish to add a word in favor of your new Bush Lima Bean. It cannot be excelled either in quantity or quality. Last spring I procured one packet from you for trial and was more than surprised at the yield.—JENNIE E. HOLMES, Oxford, Ohio.

Burpee's Bush Lima.

This is a bush form of the well-known Large White Lima Bean. It is very fixed in its bush character, growing to a uniform height of about twenty inches. While not so early as **Henderson's Bush Lima,** its larger size will commend it to many. The pods are of the exact size of the Large Pole Limas and contain as many beans of the same delicious quality. (*See cut.*) 10c. pkt., 25c. ½ pint, 40c. pint, 75c. quart, $5.00 peck.

Dreer's Bush Lima.

Dreer's Improved Pole Lima, or, as it is sometimes called, "Potato" Lima, has been grown for years, the beans growing close together in the pods, and being very thick, sweet and succulent, and generally considered of finer quality than the Large Pole Lima. This bush form is entirely fixed in its character, growing from one and one-half to two feet in height and of vigorous habit. This variety, from its abundant foliage, always succeeds better in a dry than in a wet season, and we would advise, if possible, in planting to plant it at least two feet apart and on light, sandy soil, if practicable. 10c. pkt., 25c. ½ pint, 40c. pint, 75c. quart, $5.00 peck.

SPECIAL OFFER. 1 packet of each of the three Bush Limas, Henderson's, Burpee's and Dreer's, FOR **25** CENTS, free by mail.

NEW GREEN BUSH BEAN.

"Flageolet Victoria."

At first glance, most people will be inclined to say that the cut we show of this variety is overdrawn and exaggerated, but such is not the case; on the contrary, it is even larger than here shown. It is a giant among green podded varieties, forming a large, robust plant, covered with long, thick, flat pods somewhat similar in shape to the well-known Mohawk, but nearly twice as large, frequently measuring nine to ten inches in length by three-quarters of an inch wide and one-half inch thick. It is much later than the Mohawk and of similar quality. It is a good shipper, and both market gardener and amateur requiring a prolific late string bean growing immense, handsome pods, would do well to grow some of this. The largest and most handsome green pod bean of strictly bush form which we know of. (*See cut.*)

Price, 30c. ½ pt., 50c. pt., 80c. qt.

REFUGEE WAX BEAN.

REFUGEE WAX BEAN.

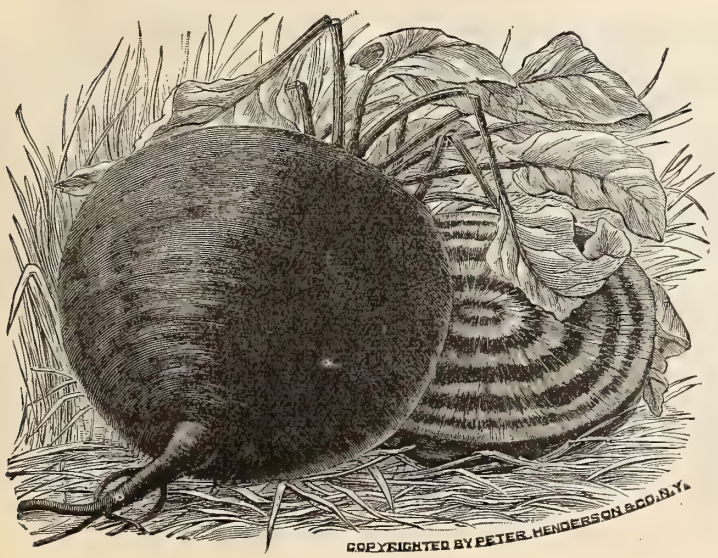
Among green beans, the Refugee type has always been most valuable. This **wax** variety which we offer has all the peculiar characteristics of the old Refugee or Thousand to One, such as small, dense foliage, great productiveness, roundness of pod and handsome appearance. It will readily be seen that the advantages gained in producing a **wax** form of this must be great. It produces an enormous crop of round-podded beans, perfectly free from string or rust, and of a clear, transparent color rarely met with. One of its peculiar features is its ability to stand long without developing string or becoming tough; this will render it most useful as a market bean. It is

REFUGEE WAX BEAN.

(*Continued.*)

practically ever-bearing, coming into use quite as early as the old Black Wax and continuing well stocked with pods for a very long period. It is absolutely free from rust, and we have noticed in dry seasons that it withstands drought quite effectually, the dense foliage ensuring the plant protection from the scorching midsummer suns, at the same time retaining abundant moisture around the roots, which keeps the plants continually vigorous. This feature is most valuable and this is the only wax bean we know that possesses it. For private gardens it is especially valuable as the beans are most useful for pickling. In a word, we know of no bean that will so well reward a place in a garden. (*See cut.*)

Price, 10c. ½ pt., 20c. pt., 35c. qt., $2.00 pk., $7.50 bush.



ELECTRIC BEET.

ELECTRIC BEET.

Beets have of late years been brought to such perfection that it has seemed almost impossible to make any improvement, but we are confident that in Electric we have secured qualities rarely combined in even the best varieties. In shape it is almost round, the leaves are small and compact and set very close to the centre of the bulb. The tap-root also is small, starting clear from the bulb without taper; indeed, it combines to a greater degree than any variety we know the maximum of edible bulb with the minimum of root and foliage. The color is crimson, the prevailing shade being very dark, changing alternately into rings of a lighter hue. The constancy of color in every bulb largely enhances its value. It is also extremely early, coming in right along with Extra Early Egyptian. But it is when prepared for the table that its intrinsic qualities become most apparent, the fine, rich color making it conspicuous. The delicate texture of the flesh, rich sugary flavor and entire absence of fibre, stamp it as most valuable. We are entirely confident that a fair trial will result in its securing a permanent place in any garden. (*See cut.*)

Price, 10c. pkt., 25c. oz., 60c. ¼ lb.

This peerless variety, although only recently introduced, is becoming so well known and so much sought after that dealers everywhere are offering the "Succession Cabbage." We desire to warn our customers against all such, unless the seed is in our original packages and are sealed with our red trade-mark label. This is of vital importance, as many inferior stocks of Cabbage are being offered under the name of "Succession" or "Henderson's Succession."

Henderson's Succession Cabbage.

The Finest Cabbage in Existence, whether for Medium Early, Main Crop or Winter Use. Perfect in Every Respect!

THE Succession Cabbage we consider one of our most valuable contributions to horticulture. It would be classed as a second early variety, coming in a few days later than Early Summer, but it is immeasurably superior to that variety; it is of nearly double the size and is absolutely true to its type under all conditions. In addition to this, it has no tendency whatever to run to seed. We can say without exaggeration that *it is the finest cabbage in existence* to-day; whether for medium early, main crop or late use, it has no equal. It is so finely bred and so true to type that in a field of twenty acres every head appears alike. We can recommend it either for the market gardener, trucker or private planter, as it is a perfect cabbage in every respect, not only being of the largest size but of handsome color and of the finest quality. It is probably the safest variety for an amateur to plant as it does well at all seasons, and one is almost sure of getting a crop no matter when it is planted. Our stocks of cabbage of all varieties have for years been the *acknowledged standard of excellence in this country*, and when we state that we consider **Succession** to be the most valuable variety that we have ever introduced, our opinion of its great merit will be apparent to all. We could fill many pages of our catalogue with unsolicited flattering testimonials that we have received from all sections of the country in regard to its great excellence, but space only permits us to give a few of them below. **Price, 10c. per pkt., 40c. per oz., $1.25 per ¼ lb., $4.00 per lb.**

THOSE WHO HAVE GROWN HENDERSON'S SUCCESSION CABBAGE SAY:

I plant mostly Cabbage, and find Succession superior to all others for this country.—W. R. WOOLFE, La Grange, Fla.

Please send me one-half pound of Henderson's Succession Cabbage seed—the finest Cabbage, in my humble opinion, in the world; they surpassed everything on my place this spring; nearly every plant made a beautiful head and as early as your famed Early Summer.—A. LEMONY, Mobile, Ala.

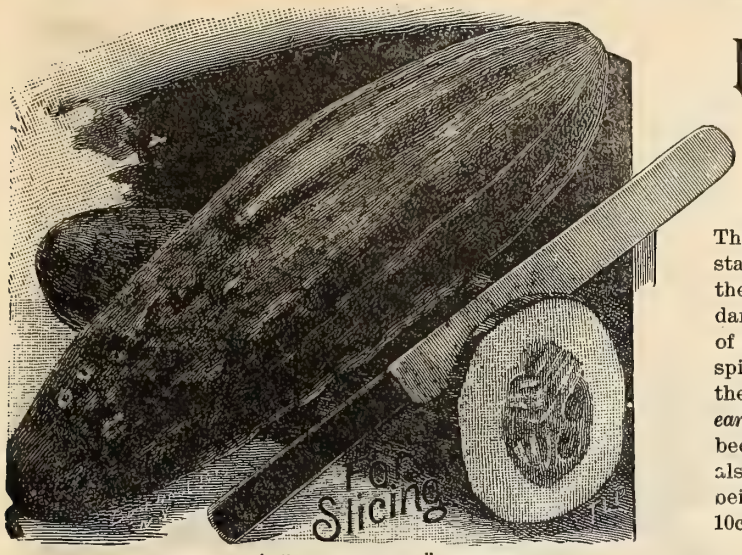
The Succession Cabbage is very fine. I took the first premium at our county fair with the ones I exhibited there.—GEO. B. ROBERTS, Rider, Md.

Your Succession Cabbage is by far the best cabbage I ever raised. I have six varieties from as many seedsmen, but none of them compare with the Succession.—DWIGHT HERRICK, Wholesale Gardener, Rockford, Ill.

I deem it proper to state that the Succession Cabbage was the best in eight varieties planted, all having the same attention. In marketing, their looks gave them the preference. — WM. W. GREGORY, Pepper Grove, Texas, Aug. 12th, 1893.

I am pleased to inform you that I planted Peter Henderson & Co.'s Succession Cabbage this season, and I have the finest Cabbage I have had for years. The heads are large and heavy; I planted them close together, too.—R. M. GOODMAN, Oshawa, Wis., Oct. 9th, 1893.

FOR OTHER VARIETIES OF CABBAGE, SEE PAGES 26 AND 27.



HENDERSON'S "COOL AND CRISP" CUCUMBER.

Henderson's New Cucumber,

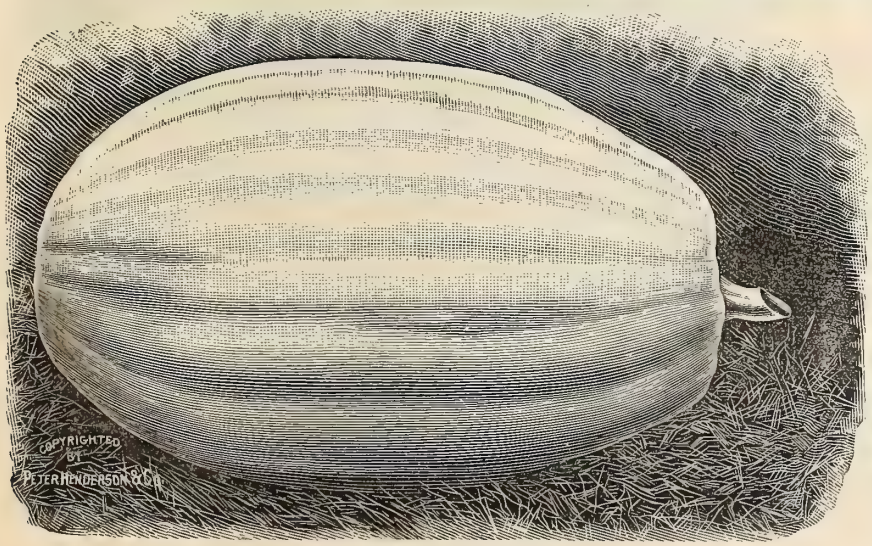
"COOL AND CRISP."

The cut gives a good idea of the shape of this valuable variety. It will be noticed that it is inclined to taper off at the stem end, and is generally a little pointed at the other end also. This is the most desirable shape for pickles. At the pickling stage the cucumbers are straight, long, even and slim, and until they reach their full size they are of a very dark green color, so dark that it might be almost called "black." The peculiar feature of this variety is the knobs or protuberances, upon which the spines are placed, are prominent at all stages of growth, giving the cucumber a very attractive appearance. This variety is the *earliest and most prolific of all pickling Cucumbers*, and is certain to become a standard sort. While primarily a pickling variety, it is also most useful for slicing, the cucumbers, when fully matured, being of good size and exceedingly tender and crisp. (*See cut.*) 10c. per pkt., 12 pkts. for $1.00.

New Musk Melon,

"PERFECTED DELMONICO."

This is a selection of the well-known Delmonico Musk Melon which we introduced. This improved type is almost a perfect globe in shape; the skin is a peculiar grayish green until ripe, when it changes to a bright yellow. The ribs of this Melon are wide and covered thickly with a prominent netting. The melons average about six inches in diameter, have a very small seed cavity, and are exceedingly thick and heavy for their size. The flesh is a deep, rich orange yellow color, and is of very fine grain, without the slightest stringiness. This variety produces melons of uniformly high quality and is likely to displace all other red or yellow fleshed sorts. It is a strong, hardy grower and very prolific. We can recommend it either to the market gardener or amateur. (*See cut.*) 15c. per pkt., 8 pkts. for $1.00.



NEW ENGLAND PIE PUMPKIN.

"NEW ENGLAND"

Pie Pumpkin.

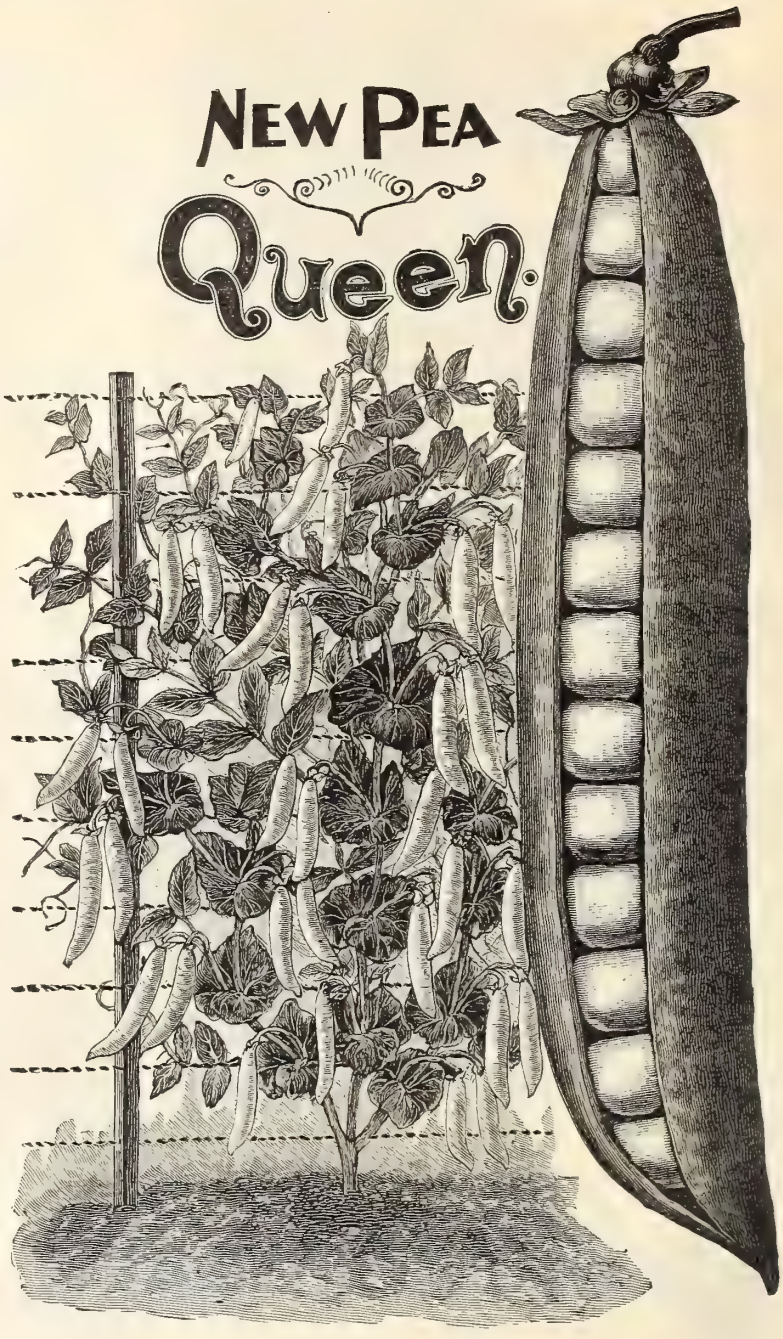
This is one of the most beautiful large Pumpkins that we have ever seen. It grows to a length of two feet and is at least one foot in diameter. The seed cavity is small and of a very bright orange color, the flesh of a little lighter shade of the same. The average weight of this variety is from 30 to 40 lbs. The quality is superb, fully equal to that of the Calhoun which we introduced a few years ago, and which proved to be the most delicious of pie pumpkins. It is a very showy, handsome variety and a great bearer. It is fit for use early, and is one the best keeping sorts that we have ever used. (*See cut.*) 20c. per pkt.

The Heroine Pea, Ponderosa Tomato, County Fair Pepper, all purchased from you last season, were very fine.
March 3d, 1893. CORA HOWARD, Cuba, Ills.

NEW PEA, "QUEEN."

We are indebted to Europe for some of our very best peas, but not all the new varieties introduced there suit our climate. This new variety, however, is one of the few really fine peas that resist the long droughts which we sometimes experience. We have found it to stand well under the scorching rays of the sun, and it is not subject to mildew. It is a green, wrinkled, main crop variety growing to about two to two and one-half feet in height. The pods are very large, slightly curved, produced mostly in pairs, and all over the vine from bottom to top. The peas are large, oval, deep green, and of a delicious flavor when cooked. They are so packed in the pods that when opened it would almost seem impossible that they could be contained in the pod. The vines are very sturdy, and being of a branching habit, this variety can be sown more thinly than most varieties. Its season is just right to succeed the Heroine, as it comes into bearing when that splendid variety is about finished. We feel that we cannot do better than quote the opinion of that veteran pea grower, Mr. J. M. Cleveland, of Jefferson County, N. Y., regarding this new pea: "I received a package of your QUEEN Pea last spring for trial. I have given special attention to new varieties of peas for over forty years and have tested nearly all the peas grown in this country. I do not exaggerate when I say that it is the best pea to grow in a family garden for the table that I ever saw. I congratulate you on being the first to place a pea of this character before the American people, and I predict for it a grand future." (*See cut.*)

Price, 25c. ½ pt., 40c. pt., 75c. qt., $5.00 pk.



HEROINE PEA.

No new pea since the introduction of "American Wonder" has created such a sensation. Every one who sees it wants it—seedsman, market gardener and amateur. It is far superior to all other varieties of peas, as it combines quantity and quality in a degree possessed by no other variety. The Heroine is a medium early, green wrinkled pea, grows uniformly about two and one-half feet high and is literally covered with its long, heavy, pointed pods—in fact, so striking and distinct is this variety that it would be picked out at once in a field of one hundred other varieties. The cut here shown by no means conveys the natural size. We have often seen pods with eight to ten peas, and sometimes twelve. The quality of this pea is simply perfection—that rich, buttery, marrow-like flavor for which the peas grown in the gardens of Old England are celebrated. (*See cut.*)

Price, 15c. ½ pt., 25c. pt., 40c. qt., $2.75 pk.

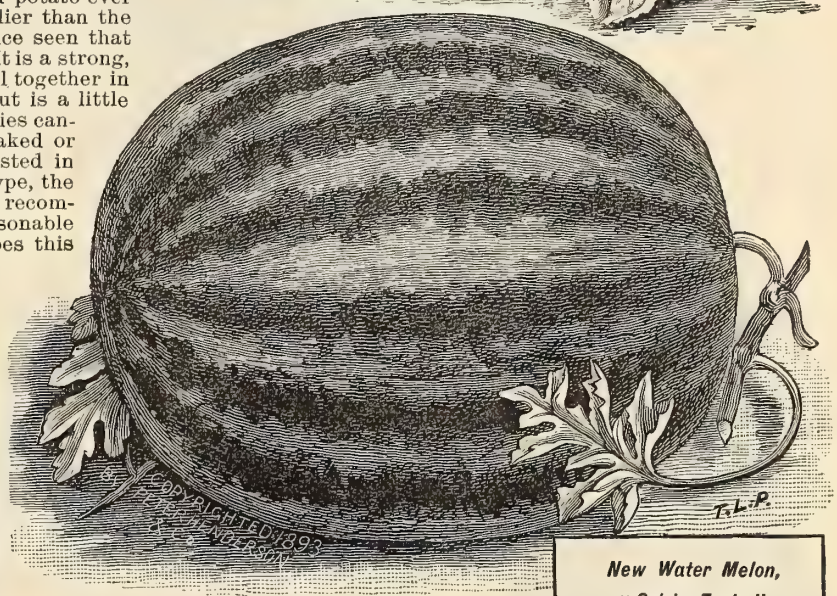
New Bush Squash, "Silver Custard."

Five years ago we introduced the Golden Custard Bush Squash, which has now become a standard sort. Since then we have been working to secure a fitting companion to it, white in color and with all its good qualities. This has been obtained in this variety, which grows to an immense size, often producing single squashes 18 inches in diameter, of a delicate white color, and of finest quality. Very productive and handsome, and specially desirable for small gardens from its bush habit. (*See cut.*) 15c. pkt.; 2 pkts. for 25c.; 10 pkts. for $1.00.

New Bush Squash, "Silver Custard."

New Water Melon,
"COLE'S EARLY."

A water melon which will invariably mature in any of the States where the season is as long as that of New York. It is the finest every-day melon for the amateur that we have ever seen; a sure cropper, and extremely delicate in texture of flesh, which is of a dark red color; the rind is thin, and the quality of the flesh is sustained clear to the rind. It is, however, exceedingly brittle, hence not desirable for shipping purposes, but, possessing all the other most desirable features, we can highly recommend it for home use. The melons are of medium size, nearly round in shape; green, striped with lighter shades. (*See cut.*) 10c. pkt., 30c. oz., 80c. ¼ lb., $2.50 lb.



New Water Melon, "Cole's Early."

New Potato, "Early Norther."

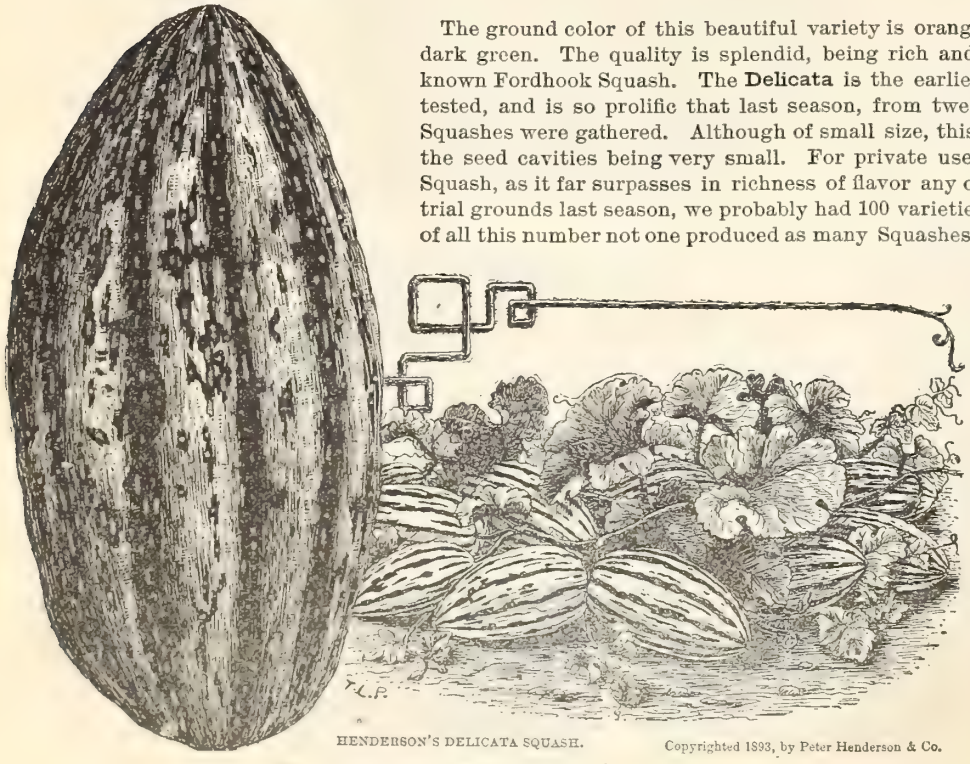
We do not claim that this is the most wonderful potato ever known, but when we state that it is several days earlier than the **EARLY ROSE**, and equally prolific, it will be at once seen that the **EARLY NORTHER** is a most desirable sort. It is a strong, vigorous grower, and the potatoes are bunched well together in the hills. In shape it resembles the Early Rose, but is a little longer; the eyes are few and shallow. Its table qualities cannot be excelled, cooking dry and floury, whether baked or boiled. This variety has been very thoroughly tested in various sections of the country, and, like its prototype, the Early Rose, seems to do well everywhere. We can recommend it with confidence, and offer it at a very reasonable price, considering the great scarcity of seed potatoes this season. (*See cut.*) $1.00 pk., $3.00 bush., $6.00 bbl.

NEW TOMATO, "CRIMSON CUSHION."

NEW TOMATO, "CRIMSON CUSHION."

When we introduced the Ponderosa, we hazarded the opinion that that famous variety was the forerunner of a new race of Tomatoes that would eventually displace the seedy, strongly acid sorts in general cultivation, and the advent of this splendid variety verifies this prediction. The "Crimson Cushion," as will be noticed by the cut, is not so long as the Ponderosa, but is much thicker through from stem to "blossom end," in fact, so marked is this characteristic, that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. The "Crimson Cushion," like the Ponderosa, is almost seedless, requiring from 10 to 12 bushels of ripe fruit to produce one pound of seed, whereas a pound of seed is realized from 3 bushels of ordinary Tomatoes. These figures tell better than any description the "seedless" character of this grand variety. The flesh is firm and "meaty," and of superb quality. It is enormously prolific and wonderfully early for so large a Tomato. With us last season it ripened at the same time as the Perfection. (*See cut.*) 25 cts. per pkt., 5 pkts. for $1.00.

Henderson's Delicata Squash.

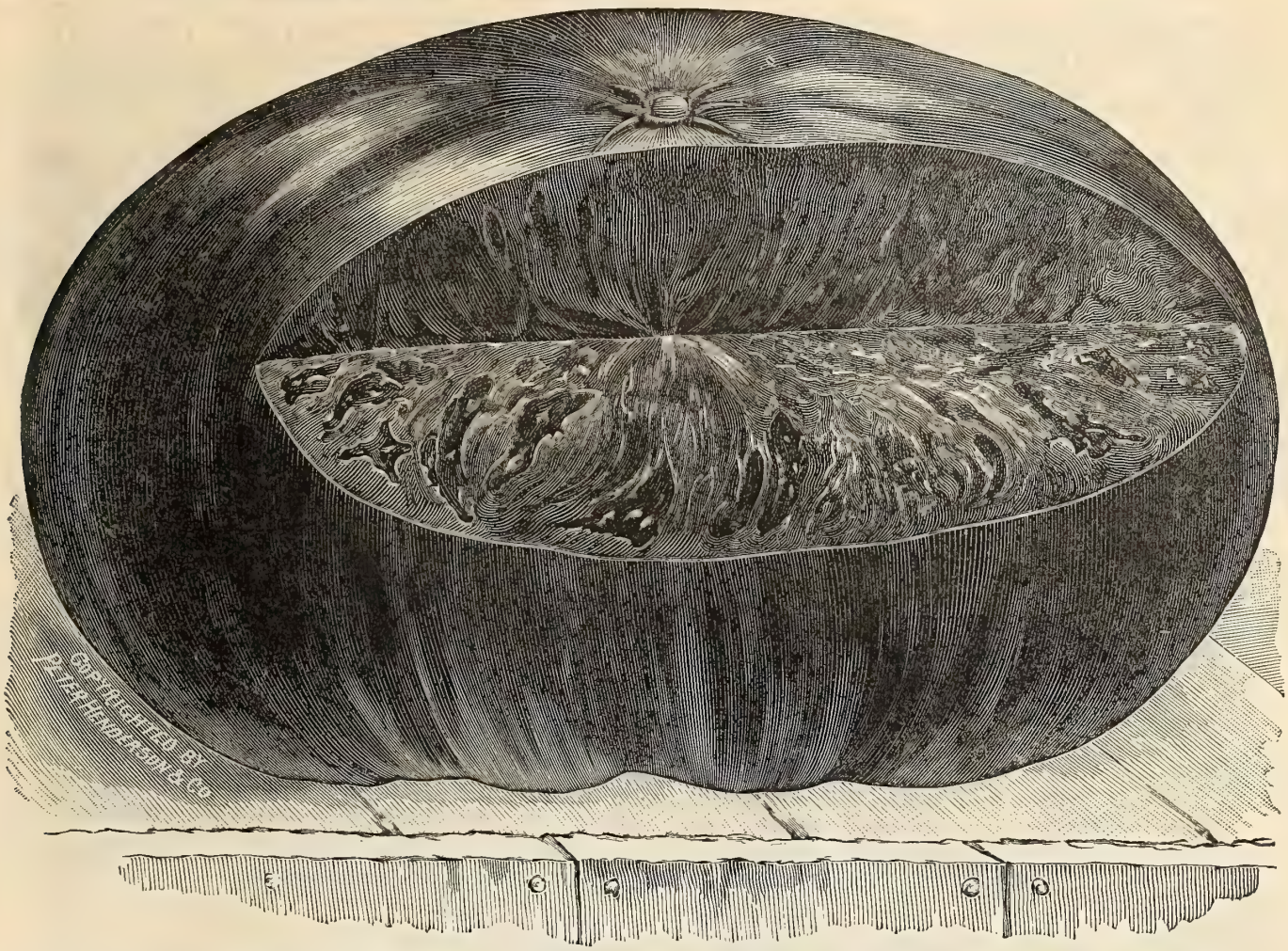


HENDERSON'S DELICATA SQUASH.

Copyrighted 1893, by Peter Henderson & Co.

The ground color of this beautiful variety is orange yellow, splashed and striped with very dark green. The quality is splendid, being rich and dry, similar in this respect to the well-known Fordhook Squash. The **Delicata** is the earliest of any *vine* Squash that we have ever tested, and is so prolific that last season, from twelve hills of two plants each, 352 perfect Squashes were gathered. Although of small size, this variety is wonderfully solid and heavy, the seed cavities being very small. For private use, particularly, we can recommend this Squash, as it far surpasses in richness of flavor any of the large, old-fashioned sorts. In our trial grounds last season, we probably had 100 varieties and stocks of Squashes under test, but of all this number not one produced as many Squashes as the **Delicata**. As before stated, the great distinctive feature of this Squash is its extreme earliness; it matures about the same time as the Summer Squashes, and for early use will doubtless supplant this watery, tasteless class, while its extreme solidity renders it fully as good a keeper as any of the winter varieties. The **Delicata** is an "all season" Squash in a remarkable degree. We can highly recommend it. (*See cut.*) 10c. per pkt., 12 pkts. for $1.00.

Read the story on page 5 of our great exhibits at the World's Fair. No other American seed house approached our displays either in excellence or extent. Received over 30 awards.



HENDERSON'S PONDEROSA TOMATO.

The Forerunner of a new race of Tomatoes that will entirely supersede the seedy acid sorts now in general use.

The **PONDEROSA** possesses every good quality to be found in a tomato. The vines are strong and vigorous and easily carry their enormous weight of fruit. Its massive or ponderous fruits are almost perfect in form, and so free from ridges or corrugations as to seem nearly as smooth as glass; and when we come to size, weight and solidity, no other tomato begins to approach it. The skin is exceedingly firm, which will cause it to be largely grown for shipping purposes. The color, a rich crimson, permeates the fruit from circumference to centre, so that when sliced for the table its rare beauty never fails to elicit general admiration. Its remarkable solidity is happily expressed in one of our testimonials, which says "that it is nearly as firm as an apple." A marked peculiarity of this variety is that it is almost seedless, and while this characteristic commends its use to delicate persons, this same peculiarity makes us pay five times as much to have the seed grown as that of any other sort. Large fruits or vegetables are usually obtained at the expense of earliness, but here the **PONDEROSA** again steps in and floors our preconceived ideas on this point by demonstrating that it is as early as most of the older sorts whose only merit is that they are early. One patron writes that he had splendid tomatoes of the **PONDEROSA** in 100 days from sowing the seed. Its flavor is delicious, whether used raw or cooked. A canner who grew it last year says it is going to be a grand sort for him, because the tomatoes are so large and smooth that there is no waste in handling.

WARNING.—*The great demand that is certain to be made for the* **PONDEROSA** *Tomato this season will induce many seedsmen and dealers to offer this variety. Beware of all such seed, as the* **PONDEROSA** *requires constant selection to keep it at its present high standard, and you are liable to get an inferior article. Reject all seed unless in our original packages, sealed with our red trade-mark label.*

PRICE, 10c. PKT., 75c. OZ., $2.50 1-4 LB.

LIMITED SPACE PERMITS US TO PRINT BUT A FEW OF HUNDREDS OF TESTIMONIALS.

"I tested Ponderosa with other prize tomatoes and found yours to excel in 1st, **earliness**; *2d,* **magnificence of size**; *3d,* **yielding qualities**; *4th,* **flavor**; *5th,* **uniformity of ripening**; *6th,* **for slicing for table use** *it is 50 per cent. ahead of any other. In fact, it has so many good qualities that I am in danger of forgetting some, and add* **keeping qualities** *after being taken from the vine. On the approach of frost I gathered a supply of green fruit which has given us an abundance for frying, as well as a goodly supply of ripe fruit. On Thanksgiving Day we had as nice sliced tomatoes as we had during summer."*

Nov. 28, 1892. H. T. MARTIN, Beaver Falls, Pa.

"I have tried every brand of tomatoes, but have found none equal to your Ponderosa. They are not only extra large, but extra solid; they have **no soft pockets for seeds.** *The seeds are in the meat and are few and small; they are very prolific, and I do not exaggerate in stating that my vines averaged a bushel to the vine. For slicing they have no equal."*

Oct. 20, 1892. D. GRIFFITHS, Newark, N. J.

"Much has been said about the Ponderosa tomato, but the half has not been told. Of 38 varieties, I consider **Ponderosa the best and grandest tomato ever grown on God's green footstool.** *It was the admiration of hundreds of people here and from several other States. At our family reunion, August 25, 1892, it was acknowledged by all to be the finest, largest, best quality ever seen. Think of a* **single plant yielding over 22 lbs. of extra choice fruit, from 1 to 2 lbs. and over, and only a few seeds in a nice, plump, round, solid Ponderosa of 1½ lbs.** *It would require several bushels to supply the demand for seed, hence I refer all to Peter Henderson & Co. for first-class seed."*

ARTHUR G. THOMPSON,
Sept. 18, 1892. Danville, Ind.

HENDERSON'S COLLECTIONS OF VEGETABLE SEEDS.

For the City Garden, Suburban Garden and Country Gentleman's Home.

The frequent request from customers for an assortment of garden seeds for a garden of small, medium or large dimensions, that will save them the trouble of selecting, has induced us to offer the collections detailed below. Our long experience in selecting for thousands of customers enables us to make up these collections so accurately of the best standard sorts as to be suited to the majority of people who do not wish novelties.

The seeds we put in are of our very best standard sorts, and the quantities are proportioned to meet the requirements of such gardens as the titles indicate. As we make up these collections in quantity before the busy season opens we are thereby enabled to sell them for **fully 25 per cent. less than they would cost if the articles were selected separately**; so if two or three varieties included should be of no use to you, you will still be getting the remainder for less than catalogue rates.

We can allow no alterations.

With each collection we enclose a pamphlet on the cultivation of vegetables.

The "City Garden" Collection.

Price, $1.00, or free by Mail for $1.25.

Contains 20 Distinct Varieties in All, viz.:

Beet, *round red,* 1 *pkt.* **Beans** (*none of which require staking*), *Dwarf, string, green pod,* ½ *pt.; Dwarf, string, yellow waxpod,* ½ *pt.; Bush Limas,* 1 *pkt.* **Cabbage,** *Early Wakefield,* 1 *pkt.* **Carrot,** *Early Half-long scarlet,* 1 *pkt.* **Corn,** *Early Sugar,* ½ *pt.* **Cucumber,** *for slicing, etc.,* 1 *pkt.* **Egg Plant,** 1 *pkt.* **Lettuce,** *Best Summer Heading,* 1 *pkt.* **Onion,** *Early White, for slicing,* 1 *pkt.; Large Red, for boiling,* 1 *pkt.* **Parsley,** *double curled,* 1 *pkt.* **Peas** (*none of which require staking*), *Earliest Dwarf,* ½ *pt.; Dwarf, Medium Early, for succession,* ½ *pt.; Dwarf Late,* ½ *pt.* **Radish,** *Early Round Red,* 1 *pkt.* **Squash,** *White Scalloped Bush,* 1 *pkt.* **Tomato,** *Early Smooth Scarlet,* 1 *pkt.* **Turnip,** *Round White Table,* 1 *pkt.*

The "Suburban Garden" Collection.

Price, $2.50. Weight Packed for Shipment, 12 lbs.

TRANSPORTATION TO BE PAID BY CUSTOMER.

Contains 37 Distinct Varieties in All, viz.:

Beans, *Dwarf, string green pod,* 1 *qt.; Dwarf, string yellow or waxpod,* 1 *qt.; Dwarf Limas,* ½ *pt.; Climbing Snap,* 1 *pt.* **Beet,** *Round Red Table,* 1 *pkt.* **Cabbage,** *Early and Late, each* 1 *pkt.* **Carrot,** *Early long scarlet,* 1 *pkt.* **Celery,** *Self-blanching,* 1 *pkt.* **Cucumber,** *for slicing,* 1 *pkt.; for pickles,* 1 *pkt.* **Corn,** *Sugar, Early and Late, each* ½ *pt.* **Egg Plant,** 1 *pkt.* **Endive,** *or White Chicory, for salads,* 1 *pkt.* **Leek,** *for soups,* 1 *pkt.* **Lettuce,** *Early heading,* 1 *pkt.; Best for Summer,* 1 *pkt.* **Melons,** *Musk, Sweet green-fleshed,* 1 *pkt.; Water, Early,* 1 *pkt.* **Onions,** *Early White, for slicing,* 1 *pkt.; Large Red, for boiling,* 1 *pkt.* **Parsley,** *double curled, for garnishing,* 1 *pkt.* **Parsnip,** *long White,* 1 *pkt.* **Peas,** *Extra Early, Medium and Late, each* 1 *qt.* **Pepper,** *large for Mangoes,* 1 *pkt.* **Pumpkin,** *best for pies,* 1 *pkt.* **Radish,** *Round Red,* 1 *pkt.; Round White,* 1 *pkt.* **Salsify,** *White,* 1 *pkt.* **Spinach,** *Best Summer,* 1 *pkt.* **Squash,** *for Summer and Fall, each* 1 *pkt.* **Tomato,** *Large smooth scarlet,* 1 *pkt.* **Turnip,** *Round White Table,* 1 *pkt.*

The "Country Gentleman's" Collection.

Price, $5.00. Weight Packed for Shipment, 28 lbs.

TRANSPORTATION TO BE PAID BY CUSTOMER.

Contains 60 Distinct Varieties in All, viz.:

Beans, *Dwarf, Snap, green pod,* 2 *qts.; Dwarf, Snap, wax or yellow pod,* 1 *qt.; Dwarf Limas,* ½ *pt.; Pole Limas,* 1 *pt.; Pole, Snap,* 1 *pt.* **Beets,** *Early and Late round red, each* 1 *oz.* **Cabbage,** *Extra Early, Medium and Late, each* 1 *pkt.* **Cauliflower,** *Snowball,* 1 *pkt.* **Carrot,** *Early Scarlet,* 1 *oz.* **Corn Salad,** 1 *pkt.* **Celery,** ¼ *oz.* **Corn,** *Sugar, extra early,* 1 *pt.; Sugar, medium early,* 1 *qt.; Sugar, main crop,* 1 *qt.* **Cucumber,** *for slicing,* 1 *oz.; for pickles,* 1 *oz.* **Egg Plant,** 1 *pkt.* **Endive, or White Chicory,** *for salads,* 1 *pkt.* **Kohl Rabi,** *white,* 1 *pkt.* **Kale,** *Dwarf curled,* 1 *pkt.* **Lettuce,** *Early head,* 1 *pkt.; Best Summer Head,* 1 *pkt.* **Leek,** *for soups,* 1 *pkt.* **Melons, Musk,** *Early,* 1 *pkt.; Main Crop,* 1 *oz.;* **Water,** *Early,* 1 *pkt.* **Nasturtium,** *for pickles,* 1 *pkt.* **Okra,** *for soups,* 1 *pkt.* **Onions,** *small white, for slicing,* 1 *pkt.; Large White, for boiling,* 1 *oz.; Large Red, for Winter,* 1 *oz.* **Parsnip,** *Long White,* 1 *oz.* **Parsley,** *double curled, for garnishing,* 1 *pkt.* **Pepper,** *Large for Mangoes,* 1 *pkt.* **Peas,** *Extra Early, Medium and Late, each* 2 *qts.* **Pumpkin,** *for pies,* 1 *pkt.* **Radish,** *Early Round Red,* 1 *oz.; Early Round White,* 1 *oz.* **Spinach,** 1 *oz.* **Salsify,** *white,* 1 *pkt.* **Squash,** *Summer,* 1 *oz.; for Winter,* 1 *oz.* **Tomato,** *Extra early scarlet,* 1 *pkt.; Large scarlet,* 1 *pkt.* **Turnip,** *Extra early, white flesh,* 1 *oz.; yellow flesh,* 1 *oz.* **Sage,** 1 *pkt.* **Thyme,** 1 *pkt.*

Genuine only when they bear this Trade-Mark Label.

☞ **Half-pounds supplied at pound rates; half-pecks at peck rates; half-bushels at bushel rates. Market Gardeners or other large planters requiring larger quantities of seeds than are here offered are invited to write to us for special prices.**

We mail seeds and pay the postage on all seeds in packets, ounces and quarter-pounds purchased from this catalogue.

We only charge postage on bulk quantities, at the rate of 8 cts. per lb. to catalogue prices, for seeds purchased in quantities of ½ lb. and upward of one variety, and to Peas and Beans at the rate of 15 cts. per quart, and to Corn at the rate of 10 cts. per quart. *We are obliged to require postage on the bulk quantities just mentioned, for we not only have an enormous counter trade, but a large proportion of our customers have their goods shipped by freight or express, consequently we could not, in equity, base our prices to include postage.*

ASPARAGUS.

German, *Spargel.*—French, *Asperge.*—Spanish, *Esparragos.* 1 *oz. for* 60 *feet of drill.*

A convenient bed is about six feet wide, with a path two feet on each side. This will require six rows one foot apart, and a bed of that width fifty feet long will be ample for an ordinary family, requiring about one pound of seed. It will require about three years from the time of sowing until the bed is in full bearing, but once established is good for twenty years. It should be sown in drills one foot apart, and when the plants are four or five inches high they should be thinned out so that the plants will be nine inches apart from each other in all the rows. Great care must be taken for the first year to keep down all weeds as soon as they appear, else they will choke up and destroy the young seedling Asparagus. The deeper the soil and greater abundance of manure that is used the greater will be the crop.

THE PALMETTO. Until we found this new Palmetto Asparagus, Conover's Colossal was the leading sort, and justly so; but the Palmetto is not only much **earlier,** but is also **a better yielder,** and is more **even** and **regular** in its growth and must eventually supplant the old favorite. Average bunches, containing fifteen shoots, measure 13½ inches in circumference, and weigh about two pounds. The Palmetto has now been planted in all parts of the country, and the reports we have indicate that it is equally well adapted for all sections North and South. Its quality is unequaled. (*See cut.*)

10c. pkt., 25c. oz., 75c. ¼ lb., $2.00 lb.

Colossal. The standard variety. The shoots are of the largest size; very productive and of the best quality. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

ASPARAGUS ROOTS.

If to be sent by mail add 40 *cts. per* 100 *to the prices.*

A saving of one to two years is effected by planting roots. Those offered below are strong two-year-old roots. For private use or for marketing on a small scale, beds should be formed five feet wide with three rows planted in each, one in the middle and one on each side a foot from the edge; distance between the plants in the rows, nine inches.

THE PALMETTO. Splendid roots. (*See cut.*) $1.50 per 100, $12.00 per 1,000. (50 roots at 100 rate; 500 at 1,000 rate.)

Colossal. Fine two-year-old roots at $1.00 per 100, $7.00 per 1,000. (50 roots at 100 rate; 500 at 1,000 rate.)

I wish to say that the seeds I purchased of you every one grew, and the packets contained nearly twice as many as those I bought from any other firm.
HELEN M. LAMB, Ladoga, Wis.

BEANS—Dwarf or Bush.

WAX POD OR BUTTER VARIETIES.

German, *Bohne.*—French, *Haricot.*—Spanish, *Frijorenano.*

1 *quart to* 100 *feet in drills;* 2 *bushels to the acre, in drills.*

A succession of sowings can be made from the first week in May until August. These dates are for the latitude of New York; further south the sowing may be done later, further north earlier. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted. The seeds should be dropped about two inches apart.

Add 15c. *per quart extra if to be sent by mail.*

REFUGEE WAX. (*See Novelties, page* 11.) 10c. ½ pt., 20c. pt., 35c. qt., $2.00 peck, $7.50 bushel.

GOLDEN WAX. A strong growing, distinct variety, at least a week earlier than the Black Wax. The pods are long, brittle and entirely stringless. As a snap bean it perhaps excels all others in tenderness and richness of flavor. Seeds, when ripe, purple and white. 10c. ½ pt., 20c. pt., 35c. qt., $2.00 peck, $7.50 bushel.

WARDWELL'S DWARF KIDNEY WAX. This variety is very hardy, and both pod and plants are more robust than usual for a Wax Bean. The shape of the beans is distinct from all other Wax varieties, being of a perfect kidney shape. It produces a heavy crop of purely Wax pods, which are very long, flat, showy, and not liable to rust or blister. Very early. 10c. ½ pt., 20c. pt., 35c. qt., $2.00 peck, $6.50 bushel.

GOLDEN-EYED WAX. This is an early and vigorous growing variety, yielding a great profusion of tender pods of a beautiful waxy appearance. The vine grows about one and a half feet high, holding the pods well off the ground, thus keeping them clean and attractive. It is singularly free from blight and rust. The pods are flat and large. (*See cut.*) 10c. ½ pt., 20c. pt., 30c. qt., $1.75 peck, $6.00 bushel.

CYLINDER BLACK WAX. This is an improved stock of Black Wax, so superior to the ordinary strains as to be worthy of a new name. By a comparative test in our trial grounds, we proved beyond question that it was earlier than any other stock, was perfectly round podded, and of an even rich golden color. Enormously productive. 10c. ½ pt., 20c. pt., 35c. qt., $2.00 peck, $7.00 bushel.

White Seeded Wax. A variety with roundish flat wax-like pods. 10c. ½ pt., 20c. pt., 35c. qt., $2.00 peck, $7.00 bushel.

IMPROVED GOLDEN WAX. In the Improved Golden Wax which we now offer we have a bean that possesses all the good points of the old Golden Wax, but is larger in pod and much more prolific. This improved stock is one of the handsomest beans we have ever seen, being of dark rich golden yellow color and of perfect shape. It is of grand quality, showing no string or coarseness even when past its best, but is of tender, melting flavor at all stages of its growth. For market gardeners or private families, no better bush bean can be planted. (*See cut.*) 15c. ½ pt., 25c. pt., 40c. qt., $2.25 peck, $8.00 bushel.

FLAGEOLET WAX. This is really one of the most valuable varieties for either private or market garden purposes. It is as early as either the Black or Golden Wax sorts, and has a peculiar value in the fact that it is nearly always exempt from rust. The pods are often a foot in length, exceedingly succulent and tender. It is an enormously productive variety. 10c. ½ pt., 20c. pt., 35c. qt., $2.00 peck, $7.50 bushel.

YOSEMITE MAMMOTH WAX. The pods frequently attain a length of ten to fourteen inches, with the thickness of a man's finger, and are nearly all solid pulp, the seeds being very small when the pods are fit for use. The pods are a rich golden color, and are absolutely stringless, cooking tender and delicious. This is the coming Wax Bean for family or market purposes. It is enormously productive, as many as 50 of its monster pods having been counted on one bush. The plant is so large and vigorous, and the pods are so solid and pulpy, that they require a great deal of light and air to perfect them. We would again call attention to the necessity of planting this grand variety nearly twice as wide apart as ordinary bush beans. 15c. ½ pt., 25c. pt., 40c. qt., $3.00 peck.

BLACK WAX. When ripe the pods are yellow, averaging 7 inches in length, very tender and of the best quality. Seeds when ripe glossy black. 10c. ½ pt., 20c. pt., 30c. qt., $2.00 peck, $6.50 bushel.

GOLDEN-EYED WAX BEAN.

Millions of People at the World's Fair admired the fine Lawns produced by sowing The "Henderson" Lawn Grass Seed. See pages 4 and 54.

BEANS.

GREEN PODDED SORTS. DWARF OR BUSH.

Add 15c. per quart extra if to be sent by mail.

HENDERSON'S EARLIEST RED VALENTINE. This variety is at least 10 *days earlier* than the Early Red Valentine, and is usually ready to pick in 45 days from time of planting. On account of its great earliness it is largely grown by market gardeners, but except in the characteristic of extreme earliness, it differs in no other way from the Early Red Valentine described below. *By a competitive test made by one of the highest authorities on the subject in this country, Henderson's Earliest Red Valentine was proven to be 10 days earlier than any other stock. Sold only in sealed packages.* (*See cut.*) 10c. ½ pt., 20c. pt., 30c. qt., $1.75 peck, $5.00 bush.

ROUND EARLY SIX WEEKS. A decided acquisition, being an improved form of the old favorite Long Yellow Six Weeks. It is slightly shorter in the pod but round, and is almost destitute of string at all stages of growth. We can recommend it, either as a string or shelled bean. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 peck, $4.50 bush.

RHODE ISLAND DWARF CASEKNIFE. A continual bearer during the summer. Exceedingly early, and when young the beans are tender and of very fine flavor. 10c. ½ pt., 20c. pt., 30c. qt., $1.75 peck, $6.00 bush.

REFUGEE, OR THOUSAND TO ONE. A very productive medium or late variety. The young pods are tender and of fine flavor. Is extensively grown for pickling. Seeds dull yellow speckled with purple. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 peck, $4.25 bush.

LONG YELLOW SIX WEEKS. Early, very productive and of excellent quality. Pods often eight inches long. Seeds, when ripe, yellow or dun color. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 peck, $4.25 bush.

EARLY RED VALENTINE. Desirable for either market or family use, being early, productive, tender, and of excellent flavor. The pods are round, somewhat curled, and the seeds, when ripe, salmon speckled with purplish rose. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 peck, $4.25 bush.

Dwarf Horticultural. A bush variety of the well-known Horticultural Pole Bean. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 peck, $4.25 bush.

EXTRA EARLY REFUGEE. It is similar in every respect to the ordinary Refugee, but is nearly two weeks earlier. It is enormously prolific, and from its earliness is almost certain to produce a crop, no matter how unfavorable the season. The Extra Early Refugee is rapidly becoming the favorite sort with Southern truckers and planters as it matures equally early with the Red Valentine, and has that beautiful silvery green color in the pods that is so much desired. In quality it is unexcelled, being exceptionally free from string, and meltingly tender at all stages of its growth. Our stock of this variety has been specially selected and improved, and we recommend it. 10c. ½ pt., 20c. pt., 30c. qt., $1.50 peck, $5.00 bush.

EARLY MOHAWK. Very early and will stand more cold than most of the bush varieties. This variety is largely grown in the Southern States for Northern markets. The pods are from five to six inches long; the seeds, when ripe, drab with purple spots. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 peck, $4.25 bush.

HENDERSON'S NEW BUSH LIMA. (*See full description on page* 10.) 10c. pkt., 15c. ½ pt., 25c. pt., 50c. qt., $3.50 peck.

DREER'S AND BURPEE'S BUSH LIMAS. (*See Novelties, page* 10.) 10c. pkt., 25c. ½ pt., 40c. pt., 75c. qt., $5.00 peck.

WHITE VALENTINE. 10c. ½ pt., 20c. pt., 30c. qt., $1.75 peck, $6.00 bush.

EARLY WARWICK. This is a variety that came under our notice four years ago, and which has proven itself to be one of the earliest, if not *the* earliest Green Bush Bean that we have. The pods may be said to be stringless until they reach a stage at which they are past maturity for marketing. As this Bean is so remarkably early and likewise suitable for shipping long distances, we believe it will be found to be a valuable acquisition, especially to the Southern trucker, to whom it is of the utmost importance that he get something that will come in ahead of existing sorts.

It is a heavy cropper, producing an abundance of pods which average about 5½ inches in length. 10c. ½ pt., 20c. pt., 30c. qt., $1.75 peck, $6.00 bush.

We can also supply the following standard varieties of Beans, which are too well known to need description, at the uniform price of 10c. ½ pt., 15c. pt., 25c. qt., $1.25 peck, $4.25 bush.:

Large White Kidney,
Early China, White Marrow.

Millions of People at the World's Fair admired the Lawns produced by sowing The "Henderson" Lawn Grass Seed. See pages 4 and 54.

BEANS

Pole or Running.

German, *Stangen-Bohnen.*—French, *Haricot à Rames.*—Spanish, *Judias.*

1 *qt. to* 150 *hills;* 10 *to* 12 *qts. to the acre in drills.*

These are more tender and require rather more care in culture than the Bush Beans, and should be sown two weeks later. They succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep. As the matured bean is used mostly, the season is too short for succession crops in the North, though it is advantageous to plant succession crops in the Southern States, where the season of growth is often from March to November. Rough cedar or similar poles about seven or eight feet long should be used for Lima Beans to climb on, or, what is better still, White's Garden Trellis, described in another portion of this catalogue. They should be set in the ground at least 18 inches, so as to prevent being blown over.

Add 15c. per qt. extra if to be sent by mail.

EARLY GOLDEN CLUSTER WAX. Begins to bear early in July and continues until frost. The pods are six to eight inches long, are most freely produced, and are of a beautiful golden yellow; the flavor is most delicious. Can be used either shelled or as a string bean. 15c. ½ pt., 30c. pt., 45c. qt., $3.00 pk.

Horticultural or Speckled Cranberry. Popular either in the green state or shelled. 10c. ½ pt., 20c. pt., 35c. qt., $2.00 pk.

SCARLET RUNNER. A great favorite, both ornamental and useful. Height, ten feet, presenting dazzling scarlet flowers from July to October. Used both as a string bean and shelled. Seeds, when ripe, lilac, mottled black. 15c. ½ pt., 25c. pt., 40c. qt., $2.25 pk.

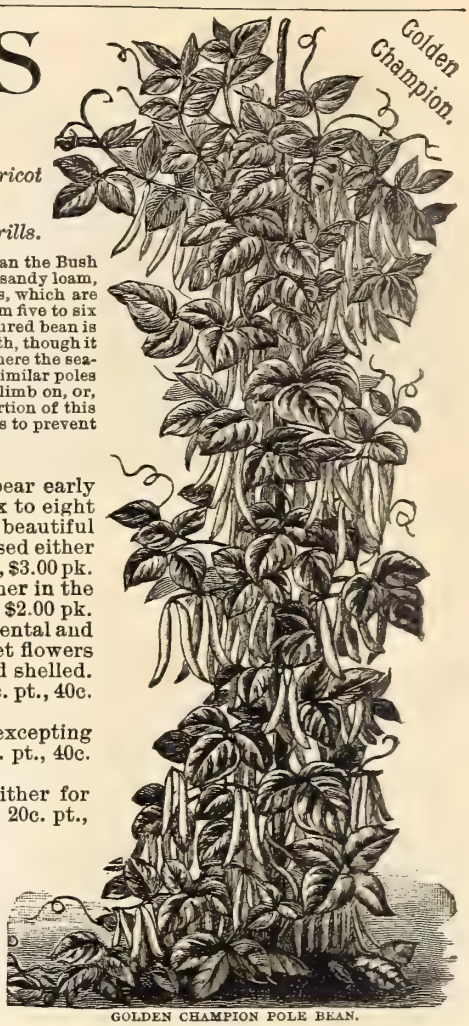
White Dutch Runner. Similar to the preceding, excepting seeds and flower, which are white. 15c. ½ pt., 25c. pt., 40c. qt., $2.25 pk.

German Wax Pole. One of the best varieties either for snaps or shelled in the green state. 10c. ½ pt., 20c. pt., 35c. qt., $2.25 pk.

OLD HOMESTEAD POLE BEAN.

"Old Homestead."

This we regard as far ahead of any other green Pole Bean. In our trial grounds last summer it was fit for the table on August 1st, which was at least ten days earlier than any other green sort. It is enormously productive, the pods hanging in great clusters from top to bottom of the pole. It is entirely stringless, and the pods are a silvery green color, resembling the popular Refugee Bush Bean. The pods, though large, cook tender and melting, and we can recommend it as the best green Pole Bean. (*See cut.*) 15c. ½ pt., 30c. pt., 50c. qt., $3.50 pk.



GOLDEN CHAMPION POLE BEAN.

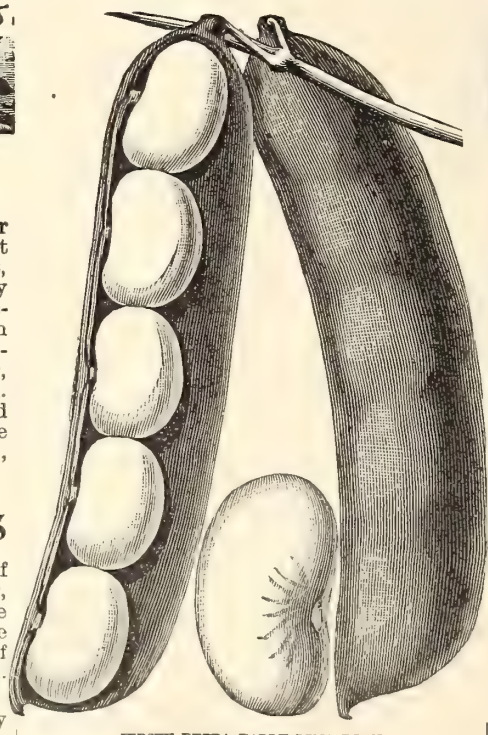
"Golden Champion."

This is certain to be the leading Early Wax Pole Bean, as it is fully two weeks earlier than the Golden Cluster Wax Pole, being fit to pick on July 24th of last year. The pods are enormous, resembling the Yosemite Wax in size and form; color light yellow. They are absolutely stringless and cook tender. The Golden Champion was the only Wax Pole Bean that did not rust or spot badly in our trial grounds last summer. Every garden should contain the Golden Champion and "Old Homestead." (*See cut.*) 15c. ½ pt., 30c. pt., 50c. qt., $3.50 pk.

Pole Lima Beans

SMALL LIMA OR SIEVA. A variety of the large White Lima. The pods, however, are much smaller, usually about three inches long. It is a little earlier and more hardy. The seeds also are smaller, but of the same color as the Large White Lima. 15c. ½ pt., 25c. pt., 40c. qt., $2.75 pk.

LARGE WHITE LIMA. With nearly every one the seeds, either green or ripe, of this variety, are considered the most tender and delicious of all the bean family, and it is therefore universally grown both for market and family use. The ripe seeds are flattish kidney shape, and have a dull white color. 15c. ½ pt., 25c. pt., 35c. qt., $2.25 pk.



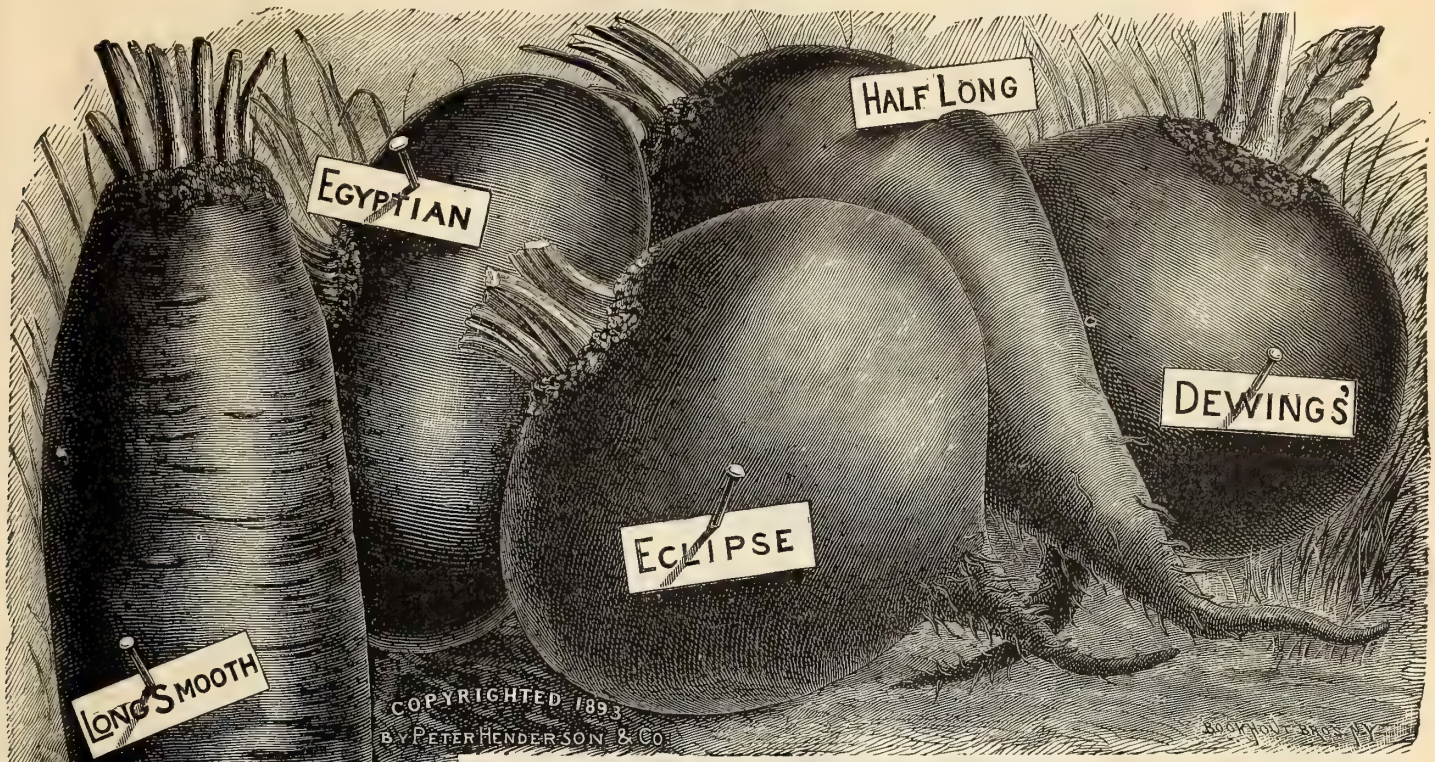
JERSEY EXTRA EARLY LIMA BEAN.

DREER'S IMPROVED LIMA. The distinctive features of this are early maturity, large yield and extra quality. The bean itself is thick and round, rather than oval-shaped, as most other Limas are. 15c. ½ pt., 25c. pt., 35c. qt., $2.25 pk.

Pole Lima Beans

JERSEY EXTRA EARLY LIMA. In our experience with it from year to year, we have found it invariably **ten days to two weeks earlier** than any other Pole Lima. The pods of it have been large enough to pick July 24th, and have been sold in the New York markets a week later. The beans are a trifle smaller than those of the Large White Lima, but are all the better on that account, as small beans are always considered preferable, being more tender and delicious. Every one desiring a Pole Lima Bean should plant the Jersey Extra Early, as it combines, better than any other, quantity, quality and earliness. (*See cut.*) 15c. ½ pt., 25c. pt., 40c. qt., $2.75 pk.

Millions of People at the World's Fair admired the Lawns produced by sowing The "Henderson" Lawn Grass Seed. See pages 4 and 54.



BEET.

German, *Runkel Rube.*—French, *Betterave.*—Spanish, *Betteraga.*

1 oz. to 50 ft. of drill; 5 to 6 lbs. to the acre in drills.

The soil which is best suited is that which is rather light and thoroughly enriched with manure. For an early supply sow in spring, as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for winter use sow in June.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb.

ELECTRIC. (*See Novelties, page* 11.) 10c. pkt., 25c. oz., 60c. ¼ lb.

EGYPTIAN TURNIP. A standard sort, being from ten to twelve days earlier than the old Blood Turnip. The roots are large in size, and of a rich, deep crimson color. From the smallness of the tops of the Egyptian at least one-fourth more can be grown on the same space than any other variety. (*See cut.*) 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

IMPROVED ARLINGTON. Of medium size and a dark rich blood-red color. One of the strongest points in favor of this variety is the fact that it does not get bitter and stringy when it is a little old as is the case with many other varieties, but is sweet and tender at all times. Its grand quality, uniform shape and beautiful color leave nothing to be desired in this grand beet. 10c. pkt., 15c. oz., 25c. ¼ lb., 70c. lb.

ECLIPSE. This variety is a great acquisition, has become exceedingly popular and is one of the best early sorts. It possesses all the qualities requisite in a first-class beet, and is of a uniform globular shape. The roots are a bright glossy red, fine-grained and delicious, with none of that earthy flavor so objectionable in many varieties. (*See cut.*) 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

EARLY BLOOD TURNIP. A well-known standard early variety, following the above in earliness; it is of a rich, deep blood-red color, and of excellent quality. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

EDMAND'S. While not strictly a first early beet it follows very closely and is the most uniform of all Turnip Beets, with very small tops and short foliage of a rich red. The roots are handsome and round, very smooth; of good marketable size, and for table use no variety can excel it in fine quality. The skin is deep blood-red; the flesh also is dark red and exceedingly sweet and tender. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

DEWING'S IMPROVED BLOOD TURNIP. An improved variety of the Early Blood Turnip, of deep blood-red color, fine form and flavor; an excellent market sort. (*See cut.*) 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

LONG SMOOTH BLOOD-RED. An excellent late variety; a great improvement on the common Long Blood. (*See cut.*) 5c. pkt.. 10c. oz., 20c. ¼ lb.. 55c. lb.

SWISS CHARD, SILVER OR SEA-KALE BEET. This variety is grown for its leaves only; the middle of the leaf is cooked and served like Asparagus; the other portions of the leaf are used like Spinach. 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

BASTIAN'S BLOOD TURNIP. A good second early variety closely following Egyptian and Eclipse. 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

HENDERSON'S HALF LONG. The engraving well portrays the shape and general appearance of this grand table beet, but a colored sketch is really necessary to give any idea of its rich, tempting appearance. It is entirely distinct, and is the darkest blood-red color known, never producing a "pale" or light-colored beet, and is of tender, sweet quality at all stages of its growth. A remarkable feature of Henderson's Half Long Beet is that it never grows large and coarse even when allowed to remain in the ground late in the fall. It comes in just after the early Turnip varieties, and is also one of the best keeping winter beets we have ever tried. (*See cut.*) 10c. pkt., 20c. oz., 40c. ¼ lb., $1.25 lb.

BEET. Sugar and Mangel. *See Farm Seed Department, page* 56.

We can also supply the following standard varieties of Beet, which are too well known to need description, at the uniform price of 5c. pkt., 10c. oz., 20c. ¼ lb., 45c. lb.

Lentz,	**Early Yellow Turnip,**
Brazilian Variegated,	**Early Flat Bassano.**

Millions of People at the World's Fair admired the Lawns produced by sowing The "Henderson" Lawn Grass Seed. See pages 4 and 54.

WHITE CAPE BROCCOLI.

BROCCOLI.

German, *Brocoli, Spargel-Kohl.*—French, *Chou Brocoli.*—Spanish, *Broculi.*

Cultivation same as Cauliflower.

WHITE CAPE. Heads medium size, close, compact, of creamy white color, one of the most certain to head. (*See cut.*) 15c. pkt., 60c. oz., $2.00 ¼ lb.

PURPLE CAPE. Differs from the preceding only in color. 10c. pkt., 50c. oz., $1.50 ¼ lb.

WALCHEREN. A valuable sort, with large, firm heads. 15c. pkt., 60c. oz., $2.00 ¼ lb.

BRUSSELS SPROUTS.

German, *Kopfkohl Grüner.*—French, *Chou de Bruxelles.*

Cultivation same as Cabbage.

TALL FRENCH. Very fine. 5c. pkt., 20c. oz., 70c. ¼ lb., $2.50 lb.

DWARF IMPROVED. A variety producing compact sprouts of excellent quality. 10c. pkt., 25c. oz., 80c. ¼ lb., $3.00 lb.

DALKEITH. It is astonishing how much more extensively Brussels Sprouts are grown and used in recent years than in the past. Amateurs are finding out that this delicious vegetable can be as easily grown as cabbage. This variety is a great improvement on the old tall-growing sort; it is much more dwarf and compact, and produces "Sprouts" of larger size. (*See cut.*) Price, 10c. pkt., 25c. oz., 80c. ¼ lb.

CARDOON.

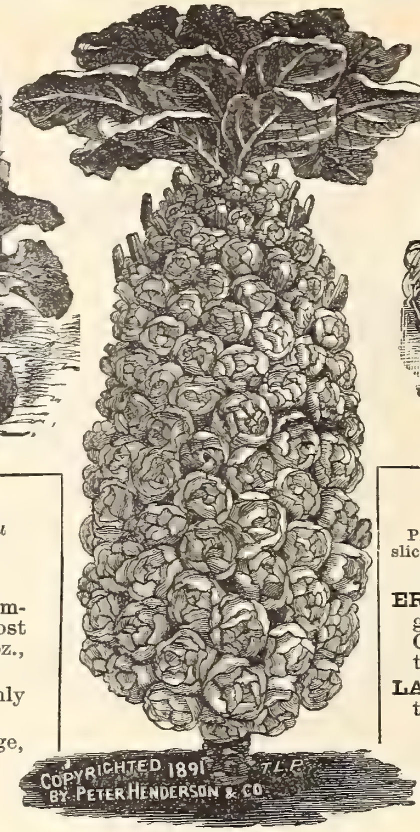
LARGE SPANISH. (*See cut.*) 10c. pkt., 40c. oz., $1.25 ¼ lb., $4.00 lb.

COLLARDS, TRUE GEORGIA.

French, *Chou.*—German, *Blätter-Kohl.*

Sow for succession from June to August, and treat as Cabbage.

5c. pkt., 15c. oz., 35c. ¼ lb., $1.10 lb.



NEW DWARF BRUSSELS SPROUTS, "DALKEITH."

CHERVIL.

German, *Gartenkerbel.*—French, *Cerfeuil.*

Curled. An aromatic herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart. (*See cut.*) 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

Tuberous Rooted. Sow in March or April; after treatment same as Carrot. 10c. pkt., 30c. oz., $1.00 ¼ lb.

CARDOON, LARGE SPANISH.

CELERIAC, LARGE SMOOTH PRAGUE.

CELERIAC.

(*Turnip-Rooted Celery.*)

Produces turnip-shaped roots, which may be cooked and sliced and used with vinegar, making a most excellent salad.

French, *Céleri-rave.*—German, *Knob-Seleri.*

ERFURT GIANT. We have found this to be a great improvement on the older varieties of Celeriac, for while of equally good flavor, it attains a larger size. 5c. pkt., 30c. oz., $1.00 ¼ lb.

LARGE SMOOTH PRAGUE. The best yet introduced. (*See cut.*) 5c. pkt., 30c. oz., $1.00 ¼ lb.

PARIS MARKET. A most distinct and valuable variety, with tops of half the usual size, which enables it to be planted very close together. The roots are of good size, round and smooth. It is at least ten days earlier than any other variety, which will commend it particularly to market gardeners. 10c. pkt.

CAPER.

A half-hardy trailing shrub, the buds of which are gathered just before expanding, and unripe fruit pickled, making the famous "Caper Sauce." 15c. pkt., $1.00 oz.

CHICORY.

Large Rooted. Used to mix with, or as a substitute for coffee. Cultivation the same as for Carrot. 5c. pkt., 15c. oz., 30c. ¼ lb., $1.00 lb.

CORN SALAD, OR FETITCUS.

German, *Lammersalat.*—French, *Mache.*—Spanish, *Canonigos.*

A vegetable used as a salad, and sold to a large extent in our New York markets. It is sown on the first opening of Spring, in rows one foot apart, and is fit for use in six or eight weeks from time of sowing. If wanted to come in early in spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is wintered over exactly as Spinach.

LARGE LEAVED. (*See cut.*) 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

CHERVIL, CURLED OR DOUBLE.

CORN SALAD, LARGE LEAVED.

If any of the above Seeds are desired by mail in quantities of 1-2 lb. and upward, postage must be added at the rate of 8c. per lb.; packets, ounces and 1-4 lbs. are mailed free.

CAULIFLOWER

German, *Blumen-Kohl.*—French, *Choufleur.*—Spanish, *Coliflor.* 1 *oz. for* 1,000 *plants.*

Any soil that will grow Cabbage will grow Cauliflower; extra manuring and preparation of the soil will be well repaid. The seeds may be sown in September and the plants wintered over in the same manner as described for early Cabbage. Where this is not practicable it may be had just as well by sowing the seeds in the hot-bed in January or February, and transplanting the plants at two or three inches apart in boxes or in the soil of another hot-bed until such time as they are safe to be planted in the open ground, which in this latitude is usually from the 15th of March to the 10th of April. If properly hardened off they are seldom injured by planting out too early. For second early and late crop sow at the same date as given in the directions for Cabbage crop. For further information, if for private use, see our work "Gardening for Pleasure"; if for market, see the new edition of "Gardening for Profit."

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8 cts. per lb.

HENDERSON'S EARLY SNOWBALL CAULIFLOWER

THE EARLIEST. THE SUREST HEADER. THE MOST PROFITABLE.

THE BEST VARIETY FOR EITHER MARKET OR FAMILY GARDENS.

SNOWBALL CAULIFLOWER.—It is hardly necessary for us to describe this variety at all, as its name has now become a household word wherever this delicious vegetable is grown. SNOWBALL CAULIFLOWER is the *standard everywhere for quality* with the *seedsman*, the *market gardener*, and the *amateur*. While originally recommended and used as an early variety, it has not only supplanted all other sorts for early spring planting, but it is rapidly driving out the large late sorts for fall use, being much finer in quality, and the only Cauliflower that is absolutely certain to head when the conditions are right, forming a perfect snow-white head, averaging nine inches in diameter.

HENDERSON'S EARLY SNOWBALL CAULIFLOWER is superior to all others. It is the earliest of all Cauliflowers. Its close-growing, compact habit enables one-third more to be planted on the same space of ground than can be done with any other variety. For forcing under glass during winter and spring, this EARLY SNOWBALL variety is peculiarly well adapted, from its dwarf growth and short outer leaves, and for this purpose no other Cauliflower is now so largely grown. *(See cut.)* 25c. pkt., $4.00 oz., $14.00 ¼ lb., $48.00 lb.

EXTRA EARLY DWARF ERFURT. Until the introduction of our Early Snowball this was considered the best early variety. It is fine for forcing and equally valuable in the open ground. The plants are dwarf and compact and seldom fail to form a good-sized head. 15c. pkt., $3.00 oz., $10.00 ¼ lb.

VEITCH'S AUTUMN GIANT. A large sort that succeeds well in the Southern States. 5c. pkt., 60c. oz., $1.75 ¼ lb.

EXTRA EARLY PARIS. The leaves being large, it is not so desirable for forcing, but is valuable for outdoor culture. 5c. pkt., 80c. oz., $2.75 ¼ lb.

LARGE LATE ALGIERS. This is one of the best late varieties. It is largely grown for Fall use, never failing to produce large, fine heads. Very popular with market gardeners and canners. 10c. pkt., 80c. oz., $2.75 ¼ lb.

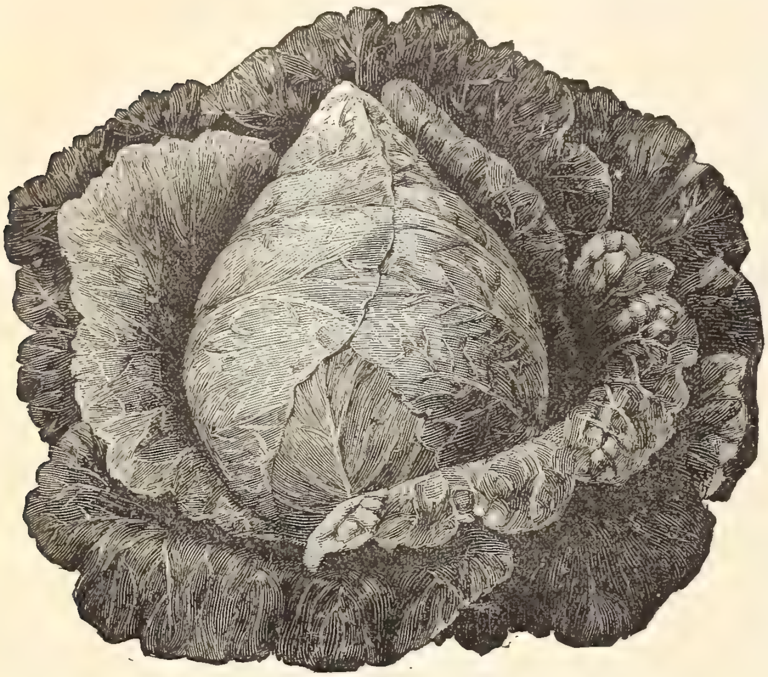
We can also supply the following standard varieties, which are too well known to need description, at the uniform price of 5c. pkt., 75c. oz., $2.50 ¼ lb.: **Half Early Paris or Nonpariel, Early London, Lenormand's Short Stemmed.**

For Cauliflower Plants, see page 152.

CABBAGE.

German, *Kopfkohl.*—French, *Chou Pomme.*—Spanish, *Repollo.*

1 *oz. will produce* 1,500 *plants;* ½ *lb. of seed in beds to transplant for an acre.*



HENDERSON'S CHARLESTON WAKEFIELD.

Of the early varieties of Cabbage, in latitudes where the thermometer never indicates 20 degrees below the freezing point, seed may be sown in the open border in October, and transplanted on the first opening of spring; but in our Northern States they must either be sown in hot-beds in February, or wintered over in cold frames; for this purpose the seed is sown from the 10th to the 20th of September. Attention to date is important; if too soon the plants might run to seed, and if too late they would be too small. In four or five weeks from the time of sowing they will be fit to transplant into the cold frames. In planting, it is very important with Cabbage or Cauliflower, that the plant is set down to the first leaf, so that the stem is all under ground, for, if exposed, it will be split by the action of the frost, and will be injured in consequence. The plants are usually set out from the middle of March to the middle of April, in rows about two feet apart, and eighteen inches between the plants in rows. This earliest crop matures in June. For second early the early kinds should be sown first week in April and planted out in May. This crop should mature in July and August. The late varieties are usually sown in the early part of May and the plants are set in July at distances of three feet between the rows, and two feet between the plants. This crop matures September, October or November. If to be grown for market purposes, for complete details see the new edition of our book, "Gardening for Profit."

FIRST EARLY CABBAGES.

HENDERSON'S SELECTED EARLY JERSEY WAKEFIELD.

ORIGINAL STOCK.

The merits and characteristics of the **Early Jersey Wakefield Cabbage** are now so well known as to hardly need repeating here; still, as our catalogue annually falls into the hands of thousands who have not before seen it, we may state that it is universally considered the best early Cabbage in cultivation. Among its merits may be mentioned its large size of head for an early sort, small outside foliage, and its uniformity in producing a crop. The heads are pyramidal in shape, having a blunted or rounded peak. This variety was first brought into general notice by the late Mr. Peter Henderson, in his book, "Gardening for Profit," when it was first published, twenty-seven years ago. 5c. pkt., 30c. oz., $1.00 ¼ lb., $3.00 lb.

EXPRESS. Five years' trials of this superior Cabbage have proved it to be the earliest in cultivation, and in this class cannot be excelled. While not so large as Jersey Wakefield, it is four or five days earlier. The heads are uniform in size and shape, exceedingly solid and firm, and of a fine, mild flavor. Though the heads are small, large crops may be obtained, for they have but few outside leaves and may therefore be planted very close. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

THE CHARLESTON, or Large Type of Wakefield.

THE LARGEST AND BEST "FIRST EARLY" CABBAGE.

For some years past customers have requested us to procure for them, if possible, a Cabbage which had all the characteristics of the Early Jersey Wakefield, but of a greater size. With this in view, we carefully selected from one of our best stocks of Wakefield a larger type, which is now so fixed in its character that we can offer it with confidence to those desiring a Cabbage of this kind. This selection will average about 50 per cent. larger in size than the old type of Wakefield, and is only two or three days later. (*See cut.*) 10c. pkt., 40c. oz., $1.25 ¼ lb., $4.50 lb.

SECOND EARLY CABBAGES.

HENDERSON'S EARLY SUMMER. This peerless Cabbage was named and first offered for sale by us in 1874, and every year since we have used the utmost care in the selection of heads for seed purposes, and have so improved the variety that to-day we are selling a far better strain of the **Early Summer** than we sent out in the year of its introduction. This variety is about ten days later than the Jersey Wakefield, but being of over double the size, it may be classed as the *best large early* Cabbage. (*See cut.*) 5c. pkt., 25c. oz., 80c. ¼ lb., $3.00 lb.

HENDERSON'S SUCCESSION. The finest Cabbage in existence, whether for medium, main crop or winter use. Perfect in every respect. (*See full description, page* 12.) 10c. pkt., 40c. oz., $1.25 ¼ lb., $4.00 lb.

EARLY WINNINGSTADT. About three weeks later than the early varieties. 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

FOTTLER'S IMPROVED BRUNSWICK. One of the very best. Heads large, flat, solid and of good quality. Stem remarkably short, a sure header, and will stand long without cracking. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.25 lb.

We can also supply the following standard varieties of Cabbage, which are too well known to need description, at the uniform price of 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.:

Early French Oxheart. Large Early York. Early York. St. John's Day Early Drumhead.

FOR CABBAGE PLANTS, SEE PAGE 152.

HENDERSON'S EARLY SUMMER.

Late or Winter Cabbages.

HENDERSON'S AUTUMN KING.

THE FINEST OF ALL WINTER CABBAGES.

THE BEST KEEPER. ENORMOUS SOLID HEADS.

THERE is no vegetable that is harder to introduce into general cultivation than a new variety of Cabbage, for the reason that it is probably the most important of all garden crops, so that planters are always slow to take hold of a new variety, preferring to use the old standard sorts on which they have depended for years. Hence it is that this peerless variety, which we introduced six years ago, is just now coming into general use. We would say without hesitation that **it is the finest late Cabbage** in this country to-day, occupying the same position among late Cabbages as the Jersey Wakefield and Succession do in their respective classes. The AUTUMN KING is an entirely distinct variety, and the best keeper we have ever seen; it produces enormous, solid heads of that dark shade of green that is most desirable in a Cabbage, and has such small outer leaves that it **can be planted much closer together than the ordinary late sorts,** and can be relied upon to produce a greater weight of crop per acre than any other variety, from the fact of its producing so few outer leaves and going all to head. A distinctive feature of the AUTUMN KING is the peculiarly crimped leaves, which not only add to its appearance, but enable it to be distinguished anywhere. We are sorry to find that some other seedsmen are offering this same stock of Cabbage under the name of "World Beater." In our Trial Grounds during the past two seasons, we had samples of the AUTUMN KING and the "World Beater" side by side, and they proved to be identical. As we sent the AUTUMN KING out six years ago, and the "World Beater" was offered three years later, we claim the credit of the introduction of this, the grandest of all winter Cabbages. The engraving gives a good idea of its appearance. **10c. pkt., 40c. oz., $1.25 ¼ lb., $3.50 lb.**

HENDERSON'S SELECTED LATE FLAT DUTCH. We have for years been selecting and improving this old favorite, and for this purpose we have, each year, carefully selected the largest and best heads, and now we consider it superior to any other strain of this deservedly popular Cabbage. Price, 5c. pkt., 20c. oz., 70c. ¼ lb., $2.50 lb.

PREMIUM FLAT DUTCH. An excellent standard late variety, developing rather earlier in the fall than most late sorts, and for that reason not quite so well adapted for winter use. It is largely grown as an early fall sort; is very tender and of superior flavor. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

RED CABBAGE.

RED WINNINGSTADT. A conical-shaped early blood-red variety of great merit. 20c. pkt., 6 pkts. for $1.00.

RED DUTCH. Used almost exclusively for pickling. It is one of the hardiest of all Cabbages, and when preserved as directed in "Gardening for Profit" will keep till very late in the season. It is slow to mature, however, and requires a rich soil for its perfect development. 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

EARLY BLOOD-RED ERFURT. Earlier than the preceding. Valuable for pickling. 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

MAMMOTH ROCK RED. The Mammoth Rock Red is a large-growing and selected strain of late Red Cabbage. The heads will average 12 lbs. each. 10c. pkt., 40c. oz., $1.25 ¼ lb., $4.00 lb.

SAVOY CABBAGE.

We desire to call special attention to this class, all of the varieties enumerated below being of much finer flavor and quality than the best of other Cabbages. They are particularly adapted for private use, where quality rather than quantity is desired. Grown in fall and allowed to be touched by frost, it is one of the most delicious of all vegetables.

NETTED SAVOY. This is the finest of the Savoy class, and a general favorite. Heads large, very solid and compact, of a yellowish green color, and, like all other of the Savoy varieties, is of excellent flavor, far surpassing that of any other late Cabbage. 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

AMERICAN DRUMHEAD SAVOY. The largest heading Savoy; of excellent flavor. 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

CARROT.

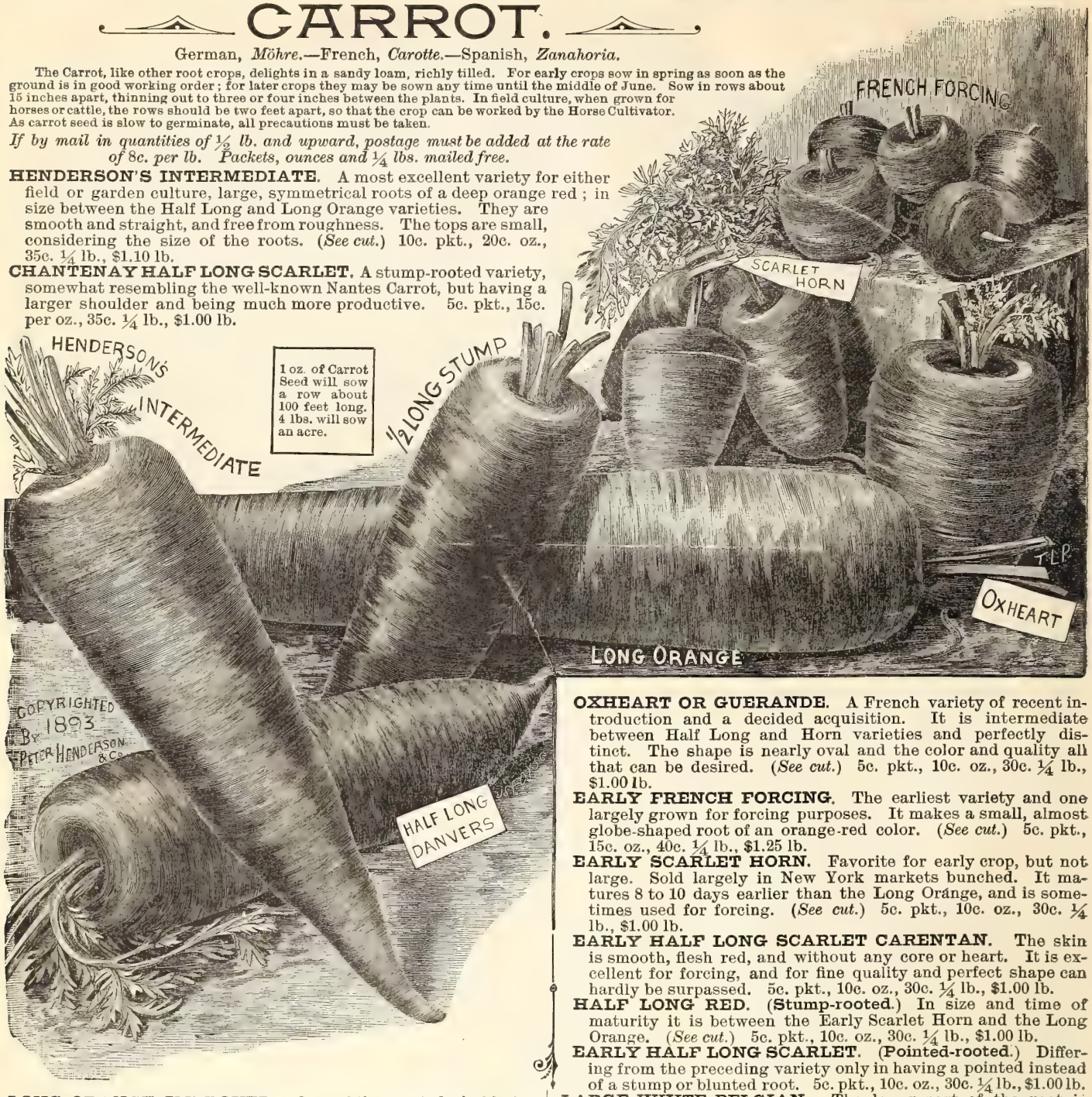
German, *Möhre.*—French, *Carotte.*—Spanish, *Zanahoria.*

The Carrot, like other root crops, delights in a sandy loam, richly tilled. For early crops sow in spring as soon as the ground is in good working order; for later crops they may be sown any time until the middle of June. Sow in rows about 15 inches apart, thinning out to three or four inches between the plants. In field culture, when grown for horses or cattle, the rows should be two feet apart, so that the crop can be worked by the Horse Cultivator. As carrot seed is slow to germinate, all precautions must be taken.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb. Packets, ounces and ¼ lbs. mailed free.

HENDERSON'S INTERMEDIATE. A most excellent variety for either field or garden culture, large, symmetrical roots of a deep orange red; in size between the Half Long and Long Orange varieties. They are smooth and straight, and free from roughness. The tops are small, considering the size of the roots. (*See cut.*) 10c. pkt., 20c. oz., 35c. ¼ lb., $1.10 lb.

CHANTENAY HALF LONG SCARLET. A stump-rooted variety, somewhat resembling the well-known Nantes Carrot, but having a larger shoulder and being much more productive. 5c. pkt., 15c. per oz., 35c. ¼ lb., $1.00 lb.



LONG ORANGE IMPROVED. One of the most desirable for either garden or field culture. It grows to a large size, fair specimens averaging twelve inches in length, and three inches diameter at the top. All who have cattle should raise a surplus of this carrot for feeding milch cows during winter. It increases the flow of milk and imparts to the butter a delicious flavor and a rich golden color. (*See cut.*) 5c. pkt., 15c. oz., 40c. ¼ lb., $1.00 per lb.

DANVERS. A handsome cylindrical-shaped Carrot of good size and stump-rooted. It is of a rich dark orange color, grows to a large size, is smooth and the flesh very close in texture, with little core. It is a first-class carrot for all soils, and it is claimed that under good cultivation it will yield the greatest weight per acre with the smallest length of root of any now grown. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

OXHEART OR GUERANDE. A French variety of recent introduction and a decided acquisition. It is intermediate between Half Long and Horn varieties and perfectly distinct. The shape is nearly oval and the color and quality all that can be desired. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

EARLY FRENCH FORCING. The earliest variety and one largely grown for forcing purposes. It makes a small, almost globe-shaped root of an orange-red color. (*See cut.*) 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

EARLY SCARLET HORN. Favorite for early crop, but not large. Sold largely in New York markets bunched. It matures 8 to 10 days earlier than the Long Orange, and is sometimes used for forcing. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

EARLY HALF LONG SCARLET CARENTAN. The skin is smooth, flesh red, and without any core or heart. It is excellent for forcing, and for fine quality and perfect shape can hardly be surpassed. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

HALF LONG RED. (Stump-rooted.) In size and time of maturity it is between the Early Scarlet Horn and the Long Orange. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

EARLY HALF LONG SCARLET. (Pointed-rooted.) Differing from the preceding variety only in having a pointed instead of a stump or blunted root. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

LARGE WHITE BELGIAN. The lower part of the root is white; that growing and exposed above ground, green. It is exclusively grown for stock. 5c. pkt., 10c. oz., 25c. ¼ lb., 70c. lb.

YELLOW BELGIAN. When young, the roots are mild and delicate; and when full grown, valuable for stock. 5c. pkt., 10c. oz., 25c. ¼ lb., 70c. lb.

CELERY CULTURE.

German, *Seleri.*—French, *Celeri.*—Spanish, *Apis.*
1 *oz. for* 2,000 *plants.*

Sow in the open ground as soon as it is fit to work in April. In June and July, plant in rows 3 feet apart for the dwarf varieties, and 4 to 5 feet for the larger sorts, and set 6 inches apart in rows. About the middle of August we begin the "earthing up" necessary for the blanching. For further details on Celery culture please refer to the new edition of Peter Henderson's book, "Gardening for Profit."

Millions of People at the World's Fair admired the Lawns produced by sowing The "Henderson" Lawn Grass Seed. See pages 4 & 54.

CELERY.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8 cts. per lb. Packets, ounces and ¼ lbs. mailed free. For cultural directions, see bottom of page 28.

HENDERSON'S PERFECTED WHITE PLUME.

Introduced by us years ago; time has proved it to be one of our most valuable contributions to horticulture. It is now more popular and more largely grown than all other varieties of celery combined. People who never grew celery before have no more trouble in growing and blanching Henderson's White Plume Celery ready for the table than in growing ordinary garden vegetables, for no "banking up" is necessary. The peculiarity of this variety is that the stalk, portions of inner leaves and heart are white naturally, so that by simply tying the plant together, or by drawing the soil against it, pressing it with the hands and then repeating the operation to hold the soil already placed against the plant in position, the work of blanching is completed. Henderson's White Plume Celery presents a highly ornamental appearance on the dinner table, and its crisp, succulent stalks and delicious flavor are unequaled by any vegetable grown. Unfortunately the variety has always had a tendency to revert to the old green type, and it has always produced a proportion of green plants, but persevering selection for years enables us now to offer an almost absolutely pure stock, so superior that we feel justified in calling it "Henderson's Perfected White Plume." (*See cut.*) Price, 5c. pkt., 30c. oz., $1.00 ¼ lb., $3.25 lb.

GIANT PASCAL. Is of a fine nutty flavor, being entirely free from any bitter taste. It grows about two feet high; the stalks are very broad, thick and crisp, and entirely stringless. 10c. pkt., 35c. oz., $1.00 ¼ lb., $3.00 lb.

GOLDEN SELF-BLANCHING. A most valuable variety which partakes somewhat of the character of the celebrated "White Plume," inasmuch as it simply needs a slight earthing up or "handling." It is of a beautiful waxy golden color, very solid and of a rich nutty flavor. 10c. pkt., 40c. oz., $1.25 ¼ lb., $4.50 lb.

GOLDEN DWARF. In the great Celery-growing districts this variety is planted to the exclusion of almost all others. When blanched the heart is of a waxy golden yellow, rendering it a most attractive and showy variety; entirely solid, of excellent flavor, and one of the best keepers during winter. 5c. pkt., 25c. oz., 80c. ¼ lb., $2.75 lb.

Soup Celery. (*Old Seed.*) Excellent for flavoring. 30c. lb.

HENDERSON'S HALF DWARF. Entirely solid, flavor rich, growth vigorous, surpassing most of the large-growing sorts in weight of bunch. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

HENDERSON'S NEW ROSE. Without doubt the finest of its class. The color is a beautiful shade of rose, of exceptionally fine flavor, solid, crisp and entirely free from stringiness. A splendid variety for late use, keeping well. 5c. pkt., 30c. oz., $1.00 ¼ lb., $3.50 lb.

HENDERSON'S "NEW PINK PLUME." See Novelties, page 8, and colored plate, page 9. Price, 25c. per packet.

We can also supply the following standard varieties of Celery, at the uniform price of 5c. pkt., 25c. oz., 75c. ¼ lb. $2.50 lb.:
Boston Market. Henderson's Dwarf White. Giant White Solid. London Red. Sandringham Dwarf White.

CELERY PLANTS.—We will have ready, about June 1st, a special Catalogue of Celery, Cabbage and other Vegetable Plants, which will be mailed to all of our customers.

CORN, Sugar.

German, *Welchkorn.*—French, *Mais.*—Spanish, *Maiz.*
1 qt. for 200 hills; 8 to 10 qts. in hills for an acre.

All varieties of Sweet or Sugar Corn may be either sown in rows four and one-half feet apart, and the seeds placed about eight inches apart in the rows, or planted in hills at distances of three or four feet each way, according to the variety grown or the richness of the soil in which it is planted. The taller the variety, or the richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May, and continue successive plantings every two or three weeks until the last week in July. In more southerly latitudes planting is begun a month earlier and continued a month later.

Add 10 cents per quart extra if to be sent by mail.

EARLY VARIETIES.

CORY EARLY. The Cory is undoubtedly the earliest of all and the very best extra early Sweet Corn. We have proved it to be five days earlier than the Marblehead, which hitherto has always taken the lead. Those desiring a first early variety can make no mistake in planting the Cory. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.50 bush.

CROSBY'S EARLY. Early and a great favorite. Rather small ears, but productive and of excellent quality. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.00 bush.

EARLY MINNESOTA. Very early and desirable alike in the market or family garden. Height not over 4½ feet; ears of fair size and good quality. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.00 bush.

MEDIUM EARLY VARIETIES.

PERRY'S HYBRID. An early twelve-rowed variety, growing only four to five feet high, with ears set very low on the stalk. Kernels white, large, sweet and very tender. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.00 bush.

ROSLYN HYBRID. Is a very large-growing sort, which ripens ten or twelve days later than **Stabler's Early**, and the quality of which is said to be finer than Stowell's Evergreen. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.00 bush.

Moore's Early Concord. Ears large and well filled; early and unsurpassed for richness and delicacy of flavor. 10c. ½ pt , 15c. pt., 25c. qt., $1.25 pk., $4.00 bush.

STABLER'S EARLY. A valuable second early corn, remarkably large for so early a ripener, closely following the well-known Marblehead. Yields an abundant crop, is desirable for family use, and one of the most profitable for market or canning. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.00 bush.

SQUANTUM. One of the sweetest varieties, and is largely used for market and canning. It is a general favorite and is wonderfully productive. The Squantum is the variety used almost exclusively at the famous R. I. clambakes, which is sufficient evidence of its quality. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.00 bush.

LATE or MAIN CROP VARIETIES.

THE "COUNTRY GENTLEMAN." The "Country Gentleman" is the finest of all Sweet Corns, retaining its delicate tenderness and flavor even when a little old, and will delight the most fastidious epicure. While the ears are smaller and less showy than the coarser varieties, for private family use, where quality is the first consideration, it has no equal, for it is the finest Sweet Corn for private use. The ears, of good size, are produced in great abundance; stalks frequently bear four, while the average is three ears to a stalk. The cob is very small, giving great depth to the kernels, which are of pearly whiteness. But the great merit of the "Country Gentleman" Corn is its delicious quality; it is, without doubt, the sweetest and most tender of all Sweet Corn, and at the same time with ears of good size. (*See cut.*) 15c. ½ pt., 25c. pt., 40c. qt., $2.00 pk.

HENDERSON'S NEW RED COB EVERGREEN. This variety is a sport from Stowell's Evergreen. It is a week or ten days earlier than that variety, and produces three or four ears to a stalk. The ears are set low on the stalks, are very thick and regular in size, and are 16-rowed, very deep and of delicious quality. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.00 bush.

MAMMOTH. A late variety, producing ears of very large size and fine flavor. It is unusually productive. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.00 bush.

THE "HENDERSON." In the green condition when ready for the table it is always pure white, and of a remarkably sweet and rich flavor. The Henderson ripens about ten days earlier than Stowell's Evergreen. It is one of the most valuable sorts for canning purposes or for the market. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.50 bush.

EGYPTIAN. Ears of large size; the flavor peculiarly rich and sweet. It is grown in large quantities for both canning and for selling in the green state. Like all other large varieties, it matures late. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.00 bush.

NE PLUS ULTRA. Very sweet and tender. The ears are short, but the cob is very small, and the kernels of extraordinary depth, pearly whiteness, and are irregularly crowded together on the cob. 10c. ½ pt., 20c. pt., 30c. qt., $1.50 pk., $5.00 bush.

STOWELL'S EVERGREEN. Now recognized everywhere as a standard variety, both for home use and market, and is the general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all late sorts. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.00 bush.

We can also supply the following standard varieties of Corn, which are too well known to need description, at the uniform price of 10c. ½ pt., 15c. pt., 25c. qt., $1.25 pk., $4.00 bush.: **Early Adams, or Burlington; Extra Early Tom Thumb, Early Marblehead, Shaker's Early, Old Colony, Black Mexican, Large Early Eight-Rowed, Hickox Improved, Triumph.**

CUCUMBER.

German, *Gurke.*—French, *Concombre.*—Spanish, *Cohombro.*

1 oz. for 50 hills; 2 to 3 lbs. in hills for an acre.

Cucumbers succeed best in warm, rich, sandy loam. They should not be planted in the open air until there is a prospect of settled warm weather, in the vicinity of New York about the middle of May. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil of each, a shovelful of well-rotted manure. When all danger from insects is passed, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be gathered when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb. Packets, ounces and ¼ lbs. are mailed free.

COOL AND CRISP. 10c. pkt., 12 pkts. for $1.00. (*See Novelties, page* 13.)

JAPANESE CLIMBING. While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit, so much so that it quickly climbs on poles or trellises in the same manner as the Pole Lima Bean. It is entirely distinct. The quality is splendid. It is well adapted for pickling as well as for slicing for salads. The great advantage of having a cucumber which can be trained on a pole or a fence will be apparent to all. 10c. pkt., 30c. oz.

WHITE PERFECTION. A most distinct and valuable variety, It is of a pure waxen white from the time the fruit is first set until it has matured. It is very prolific and likely to be valuable both for forcing and garden cultivation. (*See cut No.* 4.) 10c. pkt., 30c. oz., $1.00 ¼ lb.

EXTRA EARLY GREEN PROLIFIC. Shape and yield same as a good stock of Green Prolific Cucumber, but from *ten days to two weeks earlier.* Those who wish an early strain of the Green Prolific, or those who grow exclusively for pickling purposes, will find in this something that they have long desired. (*See cut No.* 5.) 5c. pkt., 10c. oz., 30c. ¼ lb., 90c. lb.

IMPROVED EARLY WHITE SPINE. One of the most popular varieties both for marketing and table use. Vines vigorous, fruiting early and abundantly, fruit uniformly straight and handsome, light green with a few white spines, flesh crisp and of fine flavor. Largely grown for forcing and extensively grown in the South for shipping to the Northern markets early in the season. (*See cut No.* 6.) 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

LIVINGSTON'S EVERGREEN. This new variety is proving of great value. It is very hardy and probably the most prolific of all varieties. In addition to being so wonderfully prolific, it is very early, and the cucumbers retain their beautiful green color longer than any other sort. It is one of the very best varieties for slicing, as it is very crisp and of good quality, and as it produces fruits of medium size it is likely to be of much value for pickling purposes. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

NEW EVERBEARING. The peculiar merit of this variety lies in the fact that the vines flower and produce fruit continuously until killed by frost. They exhibit at the same time cucumbers in every stage of growth, but invariably of perfect form even when very small. The cucumbers are of a fine green color, and are desirable for pickling. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

NICHOL'S MEDIUM GREEN. We consider this a most valuable variety, being useful and desirable for all purposes alike. As a pickle sort it will be found unequaled, and for early forcing or slicing there is no better. It is exceedingly productive, of medium size, and always straight and smooth, and if only one variety be grown and is wanted to serve all purposes, this should be that one. (*See cut No.* 3.) 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

LONG GREEN. Long fruit of excellent quality, dark green, firm and crisp. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

SHORT GREEN, OR GHERKIN. Similar to Early Frame; good for pickling. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

EXTRA LONG WHITE SPINE. Largely used for forcing. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

West Indian Gherkin, or Burr. This variety is used exclusively for pickling. (*See cut No.* 1.) 5c, pkt., 15c. oz., 35c. ¼ lb., $1.25 lb.

English Frame or Forcing Varieties.

Telegraph...........	*Pkt.* 25	Duke of Edinburgh..	*Pkt.* 25
Lord Kenyon's Favorite.	25	Cuthill's Black Spine...	25

We can also supply the following standard varieties of Cucumbers, which are too well known to need description, at the uniform price of 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.:

Green Prolific,	**Jersey Pickling,**
Early Cluster,	**Boston Pickling,**
Early Frame,	**Early Russian** (*See cut No.* 2),
Tailby's Hybrid,	**Long Green Turkey.**

POP CORN.

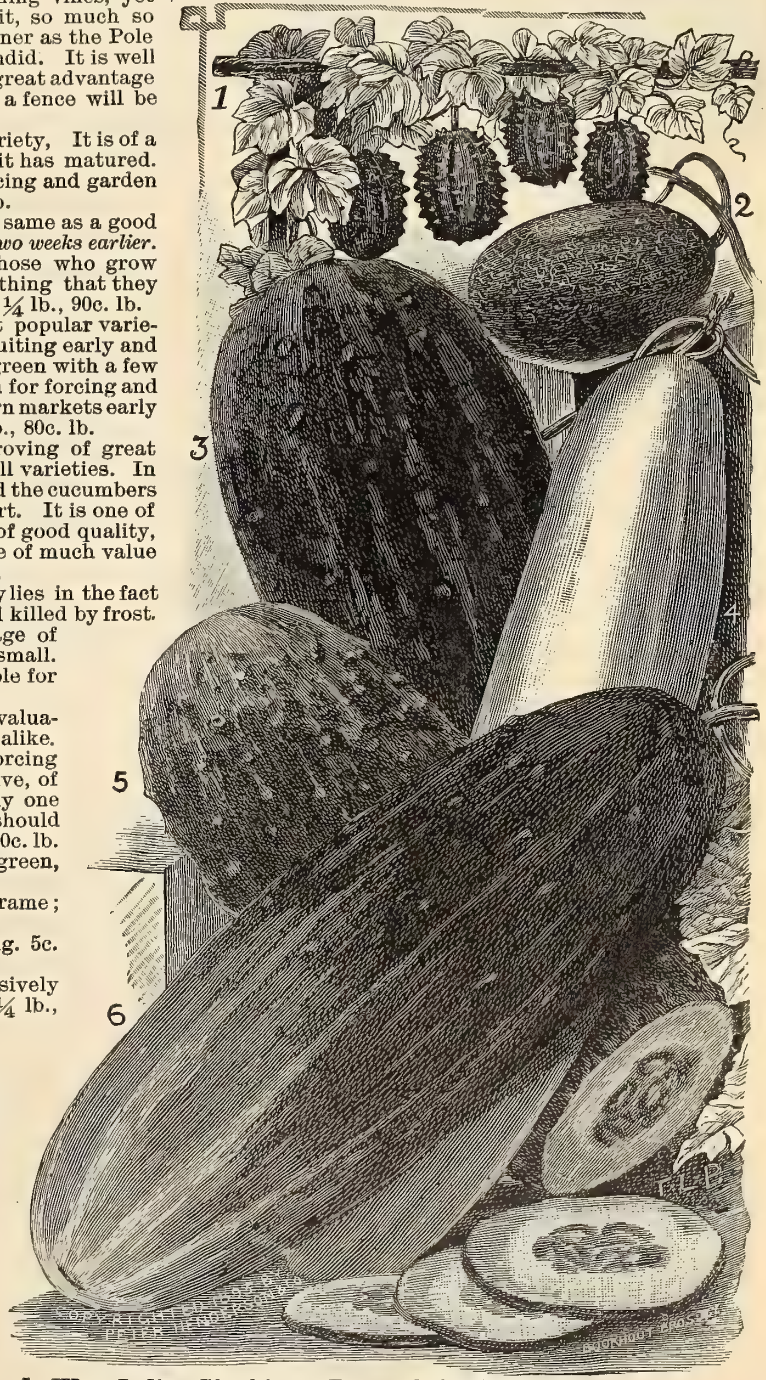
White Pearl. Smooth-grained ears, 4 to 5 inches long, by ⅞ to 1⅛ inches diameter; good for either family or market use. $8.00 per 100 lbs.; 10c. per single lb.; or by mail, 20c. per lb.

EARLY AMBER RICE. A new and distinct shade of color; it matures very early and is in every respect a first-class Pop Corn. $18.00 per 100 lbs.; single lb., 20c.; or by mail, 30c.

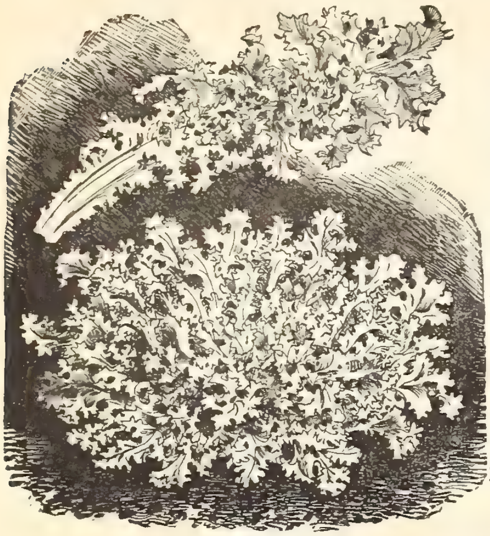
WHITE RICE. (Rat Tooth.) A very early fine white variety; ears 4 to 5 inches in length and 1 to 1½ in diameter. Kernel pointed. Per 100 lbs., $8.00; per lb., 10c.; by mail, 20c.

CORN, FIELD AND SWEET FODDER.

See list of varieties in Department of Farm Seeds, page 55.



1. West Indian Gherkin, or Burr. 2. Early Russian.
3. Nichol's Medium Green. 4. White Perfection.
5. Extra Early Green Prolific. 6. Improved Early White Spine.



WHITE CURLED ENDIVE.

CRESS, OR PEPPER GRASS.

German, *Kresse.*—French, *Cresson.*—Spanish, *Mastruco.*

A well-known pungent salad. Requires to be sown thickly and covered very slightly at frequent intervals, to keep up a succession, as it soon runs to seed.

EXTRA CURLED. Very fine; may be cut two or three times. 5c. pkt., 10c. oz., 30c. ¼ lb., 80c. lb.

AMERICAN, OR LAND. Eaten as Water Cress in winter. 5c. pkt., 15c. oz., 35c. ¼ lb., $1.00 lb.

UPLAND CRESS. (*Barbarea Vulgaris.*) It so resembles Water Cress in taste that the difference is scarcely discernible. It is a perennial plant, and can be grown easily for two years without resowing, and it yields enormous crops. *The seed should be sown in April (latitude of New York), in rows* 12 *to* 15 *inches apart.* 10c. pkt., $1.50 oz.

AUSTRALIAN. Fine, piquant flavor. 5c. pkt., 15c. oz., 35c. ¼ lb., $1.00 lb.

WATER CRESS. A well-known hardy perennial aquatic, sold in immense quantities in our markets in spring. Easily introduced along the margins of ponds and streams. 10c. pkt., 50c. oz., $1.50 ¼ lb.

DANDELION.

German, *Pardeblume.*—French, *Pisse-en-lit.*—Spanish, *Amargon.*

The Dandelion resembles Endive, and is sometimes cultivated for spring greens, or for blanching for salad.

Common. 10c. pkt., 30c. oz.

LARGE LEAVED. Double the size of the common Dandelion. 15c. pkt., 60c. oz.

ENDIVE.

German, *Endivien.*—French, *Chicoree.*—Spanish, *Endivia.*

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July. Plant one foot apart each way. When the plant has attained its full size, gather up the leaves and tie them by their tips in a conical form. This excludes the light and air from the inner leaves, and in the course of from three to six weeks becomes blanched.

GREEN CURLED. Not only most useful as a salad, but much used for garnishing. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

FRENCH MOSS CURLED. From the density of its foliage this variety is heavier than the Green Curled, equally agreeable as a salad, and, either green or blanched, is particularly handsome. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

White Curled. Leaves pale green; should be used when young. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb. (*See cut.*)

BROAD LEAVED BATAVIAN. (*Escarolle.*) Chiefly used in soups and stews. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

EGG PLANT, IMPROVED NEW YORK SPINELESS.

EGG PLANT.

German, *Eierpflanze.*—French, *Aubergine.*—Spanish, *Berengena.*
1 *oz. for* 1,000 *plants.*

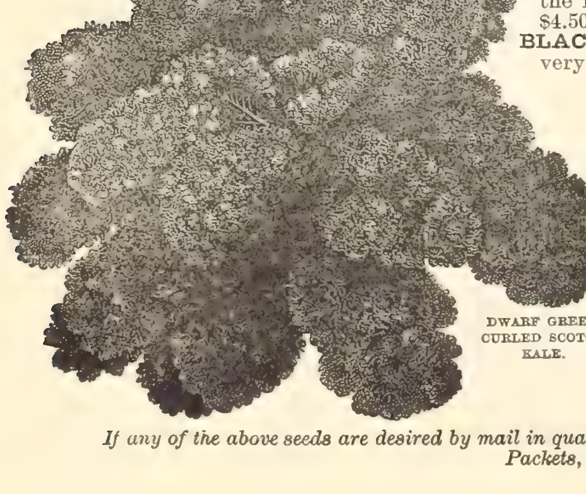
The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seeds should be sown in hot-beds, warm greenhouse or light room, in March or April, and when about an inch high pot in two-inch pots. Plant out about June 1st, two and a half feet apart.

IMPROVED NEW YORK SPINELESS. The New York Improved Egg Plant has been the standard variety for years, but this selection is vastly superior in every respect. The habit of the plant is low and branching, and is quite free from spines, both on the plant and calyx of the fruit, which are of the largest size and perfect form; eight to ten are produced on a plant. It is extremely early, at least two weeks ahead of the old variety. The splendid quality and great productiveness of this selection will greatly increase the popularity of this delicious vegetable. (*See cut.*) 10c. pkt., 50c. oz., $1.75 ¼ lb.

EARLY LONG PURPLE. Differs in shape from the following. Color sometimes deep purple, and again pale, with white or yellowish stripes. Early, productive and of easy culture. 5c. pkt., 30c. oz., 80c. ¼ lb., $2.50 lb.

NEW YORK IMPROVED. This is the leading market variety. Plant is robust, the leaves and stems being thickly set with spines. 5c. pkt., 40c. oz., $1.25 ¼ lb., $4.50 lb.

BLACK PEKIN. The fruit of this handsome Egg Plant is jet-black, round in form, very solid. 10c. pkt., 50c. oz., $1.50 ¼ lb.



DWARF GREEN CURLED SCOTCH KALE.

KALE, OR BORECOLE.

German, *Blätter-Kohl.*—French, *Chou Vert.*—Spanish, *Breton.*

Sow from the middle of April to the beginning of May in prepared beds; transplant in June and treat in the same manner as for Cabbage. Of all the Cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

DWARF GREEN CURLED SCOTCH. Rarely exceeding 18 inches in height, but spreading out under good cultivation to 3 feet in diameter. The leaves are beautifully curled and of a bright green. It will stand out where the temperature does not fall below zero. (*See cut.*) 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

SIBERIAN. This variety is extensively grown as winter greens; sown in September. 5c. pkt., 15c. oz., 35c. ¼ lb., $1.00 lb.

Brown German Curled, or Purple. Esteemed by Germans. It is very hardy. 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

If any of the above seeds are desired by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb.
Packets, ounces and ¼ lbs. mailed free.

EARLY WHITE KOHL RABI.

KOHL RABI.

German, *Kohlrabi.*—French, *Chou-rabe.*—Spanish, *Calde Nabo.*

A vegetable intermediate between the Cabbage and the Turnip. Cultivation same as Turnip.

EARLY SHORT LEAVED WHITE VIENNA. A variety of fine quality for forcing. 10c. pkt., 40c. oz., $1.40 ¼ lb., $4.50 lb.

EARLY WHITE VIENNA. Is greenish white outside, flesh white and tender. Should be used when the root is three or four inches in diameter. (*See cut.*) 5c. pkt., 35c. oz., $1.25 ¼ lb., $4.00 lb.

EARLY PURPLE VIENNA. Almost identical with the preceding, except in color. 5c. pkt., 35c. oz., $1.25 ¼ lb., $4.00 lb.

LEEK.

German, *Lauch.*—French, *Poireau.*—Spanish, *Puerro.*

The Leek is very hardy and easily cultivated; it succeeds best in a light but well-enriched soil. Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

AMERICAN FLAG LEEK.

PERPETUAL. A most distinct and valuable variety, which produces continuously a number of stalks from one plant the first season from seed. The stalks are not as heavy as those of the ordinary leek, but for this reason are more desirable for cutting up for use in soups or other ways in which leek is used. The flavor is identical with that of the other varieties of leek, and it is likely to prove entirely hardy. 10c. pkt., 40c. oz.

LARGE AMERICAN FLAG. This is by far the best variety. It grows to a good size and is wonderfully uniform. This is preferred by our most critical market gardeners in the vicinity of New York, and we can recommend it to all. (*See cut.*) 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

Musselburgh. (Scotch Champion.) Grows to a large size. 5c. pkt., 30c. oz., 80c. ¼ lb., $2.75 lb.

Large Rouen. A large and excellent variety. 5c. pkt., 30c. oz., 80c. ¼ lb., $2.75 lb.

MUSTARD.

German, *Senf.*—French, *Moutarde.*—Spanish, *Mostazœ.*

A pungent salad, sometimes used with Cress. Sow thickly in rows and cut when about two inches high; for use during winter it may be sown at intervals in boxes.

WHITE LONDON. Best for salads. 5c. oz., 15c. ¼ lb., 40c. lb.

Brown or Black. More pungent in flavor than the white. 5c. oz., 15c. ¼ lb., 40c. lb.

New Chinese. Leaves twice the size of the ordinary white Mustard; stems more succulent, of deeper green; flavor pleasantly sweet and pungent. 10c. oz., 30c. ¼ lb., $1.00 lb.

MARTYNIA.

The seed pods are used to a considerable extent for pickling when gathered green and tender. Sow in the open ground in May.

Martynia Proboscidea. 10c. pkt., 30c. oz., $1.00 ¼ lb., $3.00 lb.

MUSHROOM SPAWN.

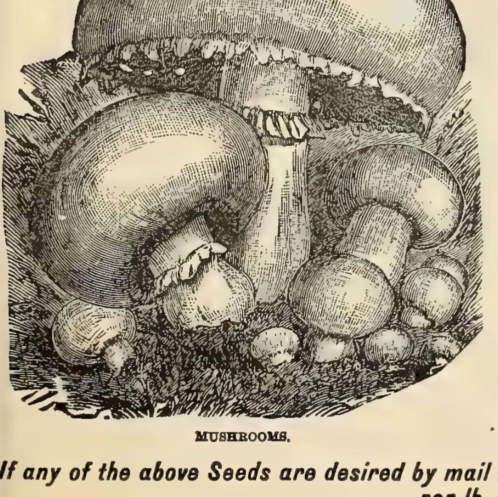
We issue a pamphlet of instructions for Mushroom culture, which will be sent free with all orders for Spawn; to all others on receipt of 10 cents. The Spawn we offer is specially made for us three or four times each season, and is always fresh and in proper condition for planting. (*See cut.*)

English. 15c. lb., $1.00 for 8 lbs.; by mail, 25c. lb.
French. In boxes of 2 lbs., 75c.; if by mail, 95c.

NASTURTIUM, or INDIAN CRESS.

The seeds, while young and succulent, are pickled and used as capers. The plants are also highly ornamental; the tall variety makes an excellent screen or covering for unsightly places in the garden.

Tall. 5c. pkt., 15c. oz., 35c. ¼ lb., $1.25 lb.
Dwarf. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.



MUSHROOMS.

OKRA, or GUMBO.

German, *Essbarer.*—French, *Gombo.*—Spanish, *Quibombo.*

This vegetable is extensively grown in the Southern States. Its long pods when young are used in soups, stews, etc. It grows freely, bearing abundantly in any garden soil. It is sown at the usual time of all tender vegetables, in drills two inches deep, setting the plants two to three feet apart.

WHITE VELVET. The pods are round and smooth, and are much larger than those of any other Okra, are never prickly to the touch and are produced in the greatest abundance. (*See cut.*) 5c. pkt., 10c. oz., 25c. ¼ lb., 90c. lb.

Dwarf Prolific. A very early variety, with long, green, slender pods. Very dwarf and productive. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

Improved Dwarf Green. Early and productive. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

Long Green. Long ribbed pods. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

WHITE VELVET OKRA.

If any of the above Seeds are desired by mail in quantities of 1-2 lb. and upward, postage must be added at the rate of 8 cents per lb.; packets, ounces and 1-4 lbs. mailed free.

LETTUCE.

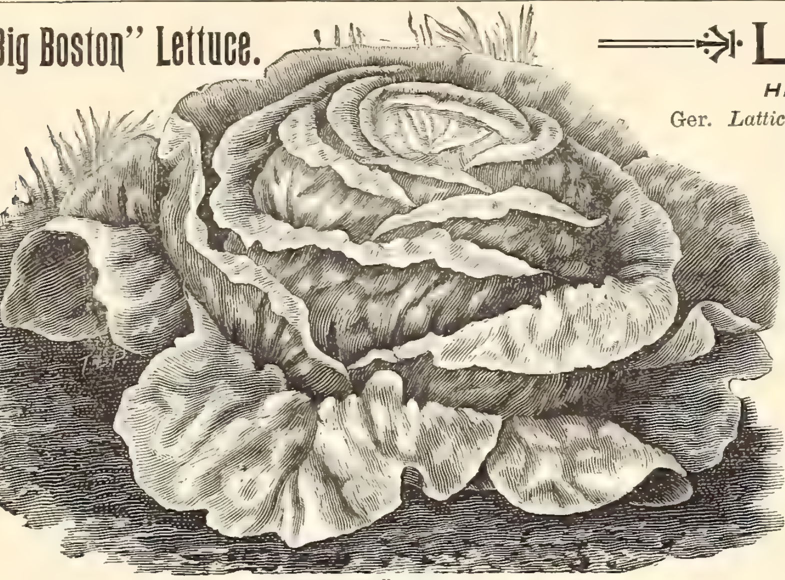
HEAD OR CABBAGE VARIETIES.

Ger. *Lattich.*—Fr., *Laitue.*—Span., *Lechuga.* 1 *oz. for* 3,000 *plants.*

For main early crop, seed may be sown in the open ground in the middle of September, and transplanted to cold frames as soon as large enough to handle, being wintered over the same as early Cabbage. In dry, well-sheltered spots, by covering with leaves or litter late in the season, Lettuce plants may be saved over the winter without glass covering in southern parts of the country without difficulty. The plants for setting out in spring are also sown in cold frames in February, and in hot-beds in March, and by careful covering up at night make fine plants by April. But for ordinary private use in the summer months, the simplest way is to sow it thinly in rows one foot apart and thin out the plants so that they will stand one foot apart. This is easier than transplanting the plants, and if sown every two or three weeks from middle of April to middle of August, Lettuce may be had in perfection the whole season.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb. Packets, ounces and ¼ lbs. mailed free.

“Big Boston” Lettuce.



“BIG BOSTON” LETTUCE.

BOSTON MARKET. This variety can be planted so close and is so well adapted for the purpose that it is now more generally used for forcing in greenhouses and hot-beds than any other. It grows very compact and forms fair-sized heads, slightly tinged with red on the edge of the leaves. It is also one of the best early varieties for outdoor use. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

BIG BOSTON. This variety is identical in color, shape and general appearance with the famous Boston Market Lettuce, but is *double the size.* It is about one week later in maturing, but its solidity and greater size of head will make it a most valuable sort. A most desirable variety either for forcing *in cold frames* or open ground planting. The “Big Boston” is sure to be wanted by market gardeners and truckers, because it always produces large, solid, salable heads, and it will commend itself to amateurs because it heads up well at all seasons of the year and is of crisp, tender quality. (*See cut.*) 10c. pkt., 30c. oz., 80c. ¼ lb., $3.00 lb.

BLACK SEEDED BUTTER. Similar to Tennis Ball, but larger. Used extensively as an outdoor variety. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

DRUMHEAD, OR MALTA. Heads very large, crisp, tender and of good flavor; one of the best summer varieties. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

YELLOW SEEDED BUTTER. This withstands summer heat well, and remains in head long before running to seed. It is a very distinct sort, making a large, dense yellow head, of a very handsome appearance, very crisp and tender, and excellent in flavor. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

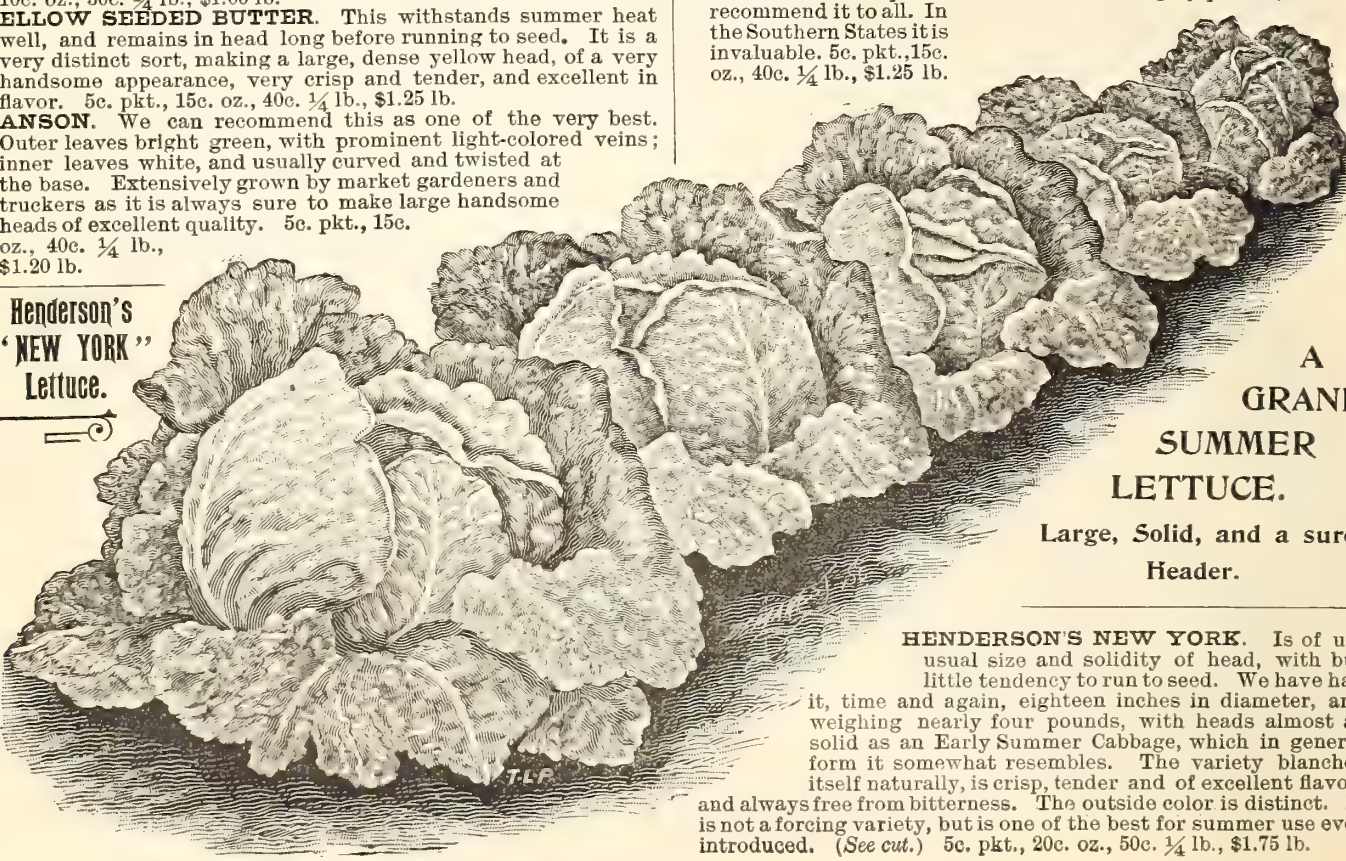
HANSON. We can recommend this as one of the very best. Outer leaves bright green, with prominent light-colored veins; inner leaves white, and usually curved and twisted at the base. Extensively grown by market gardeners and truckers as it is always sure to make large handsome heads of excellent quality. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.20 lb.

TENNIS BALL BLACK SEEDED. A favorite forcing variety, forming a hard head. It makes but few outer leaves, and for this reason can be planted quite closely under glass—from six to seven inches apart. It is the variety so largely used in hot-beds, forcing pits and in greenhouses. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

“SUNSET.” A head Lettuce of splendid quality, with characteristics that commend it to all. It forms large, solid heads of a rich golden yellow, a shade of color hitherto unknown in this class of Lettuce. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

SALAMANDER. One of the best for summer use, forming good-sized compact heads. Color, light green outside and white inside. It will remain longer in head, and stand a greater amount of heat without burning or running to seed than any other variety. These desirable qualities have been thoroughly proven, and we recommend it to all. In the Southern States it is invaluable. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

Henderson's “NEW YORK” Lettuce.



HENDERSON'S “NEW YORK” LETTUCE.

A GRAND SUMMER LETTUCE.

Large, Solid, and a sure Header.

HENDERSON'S NEW YORK. Is of unusual size and solidity of head, with but little tendency to run to seed. We have had it, time and again, eighteen inches in diameter, and weighing nearly four pounds, with heads almost as solid as an Early Summer Cabbage, which in general form it somewhat resembles. The variety blanches itself naturally, is crisp, tender and of excellent flavor, and always free from bitterness. The outside color is distinct. It is not a forcing variety, but is one of the best for summer use ever introduced. (*See cut.*) 5c. pkt., 20c. oz., 50c. ¼ lb., $1.75 lb.

BLACK SEEDED SIMPSON LETTUCE.

LETTUCE. Head Varieties—Continued.

HARDY GREEN WINTER. One of the best winter varieties, very hardy, and forms a solid head. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

GOLDEN QUEEN. A very desirable small, early variety, of a most pleasing golden yellow color, that shade which is always most desirable in a Lettuce. It is one of the most deceptive varieties we have ever seen, as at first glance it seems to be a veritable miniature Lettuce; but it forms all solid heads with little or no waste, so that there is really more to it than in many Lettuces double the size. It is very crisp, tender and juicy. 10c. pkt., 25c. oz., 75c. ¼ lb., $2.40 lb.

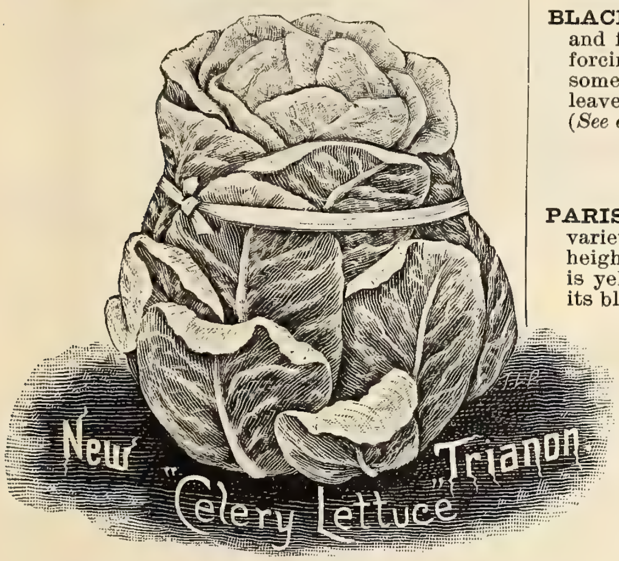
LETTUCE. Curled Varieties.

EARLY CURLED SIMPSON. Forms a close, compact mass of curly leaves of a yellowish green. It matures quicker than varieties that form firm heads, which gives it its great desideratum—earliness. It is the kind that is planted in cold frames almost exclusively, and it is also largely grown as an early open-air variety between a Cabbage crop. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

BLACK SEEDED SIMPSON. Forms a large, thin and exceedingly tender leaf, and for such who desire a large, loose head this is the best variety, either for forcing or sowing out-of-doors, though on account of its large size it is, under some circumstances, not so profitable for forcing as a strictly forcing kind. The leaves are a delicate golden yellow, and it stands the summer heat splendidly. (*See cut.*) 5c. pkt., 15c. oz., 40c. ¼ lb., $1.40 lb.

COS, ROMAINE, or CELERY LETTUCE.

PARIS WHITE COS. The Cos Lettuce differs entirely in shape from the other varieties, the head being elongated and of conical form, eight or nine inches in height, and five or six inches in diameter. The outer coloring of this variety is yellowish green. To be had in perfection it requires to be tied up to insure its blanching. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.



"TRIANON." This is the favorite class of Lettuces in Europe, and this variety is the very finest of its class; already they are becoming more popular here. The long narrow leaves, which form solid heads, almost like a Wakefield Cabbage, bleach and quickly become snowy white. They excel all other Lettuces in quality, having a taste and crispness unequaled. The leaves when bleached are stiff like Celery stalks and can be eaten in the same manner. (*See cut.*) 10c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

We can also supply the following varieties of Lettuce, which are too well known to need description, at the uniform price of 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.:

Brown Dutch, Large India, Deacon, Oak Leaved, Early Prize Head, Large White Summer Cabbage, Boston Curled, Defiance Summer, All the Year Round.

NEW MUSK MELON,
"THE BANQUET."

This superb melon represents years of careful selection and improvement of a stock of Musk Melon at the hands of the largest and most experienced grower of melons in the world. The raiser regards it as his greatest production and likely to supersede all other red-fleshed melons. "The Banquet" is a medium-sized melon, flat at both ends and more beautifully netted than any known variety. In quality it has no equal; the flesh is uniformly deep and of that granulated character that always indicates a good melon; the color is a dark rich salmon. The oft-repeated question, "How can I raise good Musk Melons?" can now be answered, "Plant the Banquet." We are safe in saying that it will produce more fine edible melons to a given area than any other variety. (*See cut.*) 10c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

NEW WINTER MUSK MELON,
"PINEAPPLE."

This represents a class of Musk Melons that is likely to prove of much value. The color of the flesh is delicate lemon-yellow, and the outer skin is dark green marked with yellow. The quality is delicious, having a rich spicy flavor that is not possessed by any other fruit. All of this class of Melons have much thicker and finer flesh than ordinary musk melons, hence their long-keeping qualities. They rarely ripen on the vine, so the melons must be picked off in the fall and put in some cool place, where, however, there is no danger of freezing, until they are wanted. It is usually necessary to place them in a warm room for three or four days before using, so as to ripen them up thoroughly. Handled in this way they can be had for use all winter. 10c. pkt., 12 pkts. for $1.00.

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THE BANQUET MUSK MELON.

FOR GENERAL LIST OF MUSK MELONS, SEE NEXT PAGE.

MELON, ✥ MUSK.

German, *Melone.*—French, *Melon.*—Spanish, *Melon.* 1 *oz. for* 60 *hills;* 2 *to* 3 *lbs. in hills for an acre.*

Melons thrive best in a moderately enriched light soil; the hills should be from three to six feet apart each way, according to the richness of the soil. If soil is poor or sandy, plant at four feet. Previous to planting, incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill early in May, for latitude of New York; for South, earlier; for farther North, later; and when well up, thin out to three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerously thin out when young, which will increase the size of those remaining and cause them to ripen quicker. Melons may also be forced under glass, like Cucumbers, but it is not often done in this country, for the reason that they can be grown and shipped so easily from the Southern States.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8 *cts. per lb. Packets, ounces and ¼ lbs. are mailed free.*

THE NEWPORT. One of the largest market gardeners in the vicinity of New York has for years grown a Musk Melon that in general appearance did not differ from the Hackensack except that it was a little smaller. All that he could raise of this variety has been taken at high prices by the most select hotels in New York, Newport and Boston. The **Newport** melon while small is very deep-fleshed and of a dark green color. The Newport stands in the same relation to the green-fleshed melons that the "Banquet" does to the red-fleshed, in every respect the best. 10c. pkt., 30c. oz., $1.00 ¼ lb., $3.00 lb.

EMERALD GEM. This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter-colored stripes. The flesh is thick, of a suffused salmon color. Specially recommended to those who wish a very high flavored fruit. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

NEW EARLY HACKENSACK. We were the first to distribute generally throughout the country the now famous Hackensack. This **New Early** is a selection or improvement almost equal in size to the Hackensack, and at least ten days earlier. Several years' thorough trial has proven it to be the best as well as the earliest of all the netted melons. The melons weigh from four to six pounds each, and are of delicious flavor. (*See cut.*) 5c. pkt., 15c. oz., 35c. ¼ lb., $1.25 lb.

PERFECTED DELMONICO. (*See Novelties, page* 13.) 15c. pkt., 8 pkts. for $1.00.

MONTREAL MARKET. Excellent variety of the largest size; we have had them weighing over 20 lbs. In shape almost round, flattened at ends, deeply ribbed; skin green and netted. Flesh green, very thick. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

HACKENSACK. It attains a large size, is round in shape and flattened at the ends; skin green and thickly netted; the flesh also is green, and rich and sugary in flavor. It is wonderfully productive; very popular with market gardeners. 5c. pkt., 10c. oz., 25c. ¼ lb., 90c. lb.

SKILLMAN'S NETTED. Form, roundish oval; flesh deep green, sweet and richly perfumed; an early and delicious variety. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

Netted Gem. One of the earliest, best and most prolific small melons. Globe-shaped, uniform in size, weighing from 1¼ to 1½ lbs. each. Flesh light green and of very fine flavor. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

Improved Christiana. A very early variety of peculiar flavor, relished by many people. Its chief merit is its extreme earliness. Flesh bright orange. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

Jenny Lind. A popular small early variety, flattened at each end, ribbed and closely netted. Flesh green and of excellent flavor. Largely grown in the South for early shipment to the Northern markets. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

Improved Nutmeg. Fruit nutmeg shape; skin deep green, finely netted; flesh greenish yellow, rich and sugary. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

BALTIMORE or ACME. A green-fleshed, productive and excellent shipping melon that can always be found in its season in the best hotels and restaurants in New York, Philadelphia and Baltimore. It is a green-fleshed variety of oblong form. (*See cut.*) 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

MILLER'S CREAM, or PRINCESS. Most delicious. The flesh is a rich salmon color, very thick, sweet and rich; rind very thin and finely netted. Vigorous grower. Very productive. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

Large Yellow Cantaloupe. Flesh reddish orange, sweet, and of good flavor; early and productive. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

BANQUET. See preceding page, 35. 10c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

PINEAPPLE, WINTER. See preceding page, 35. 10c. pkt., 12 pkts. for $1.00.

Millions of People at the World's Fair admired the Lawns produced by sowing The "Henderson" Lawn Grass Seed. See pages 4 and 54.

MELON, Water.

German, *Wasser-Melone.*—French, *Melon d'Eau.*—Spanish, *Sandia.* 1 *oz. for* 30 *hills;* 4 *to* 5 *lbs. in hills for an acre.*

Watermelons require a rich though rather sandy soil for best development, and thrive best in warm latitudes, growing best in the Southern or South-western States, although in warm, sandy soils in this latitude fine crops are often obtained. Cultivate exactly as for Musk Melons, except that the hills should be just double the distance apart, namely, eight and ten feet.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8 *cts. per lb. Packets, ounces and ¼ lbs. are mailed free.*

COLE'S EARLY. (*See Novelties, page* 15.) The finest melon for the amateur; will invariably mature in any of the States where the season is as long as that of New York. 10c. pkt., 30c. oz., 80c. ¼ lb., $2.50 lb.

THE "BOSS." Oblong in shape, and of nearly the same diameter throughout. Skin very dark green; flesh deep scarlet, and of unusually rich flavor. Early, heavy, productive, and a good shipper. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

CUBAN QUEEN. This is a large variety, often weighing eighty pounds and upwards. The rind is marked with regular stripes of light and dark green. It is a very showy variety, of fair quality. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

THE JONES. This is a splendid melon. The color of the skin is solid green, and the flesh is a very bright red, particularly sweet, juicy and melting. It grows to a large size, frequently attaining the weight of eighty pounds. In shape it resembles Kolb's Gem, and like that variety is one of the best shipping sorts. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

FLORIDA FAVORITE. One of the largest and best in cultivation. Being several days earlier than Kolb's Gem, it will succeed in a latitude far north of that popular variety. It attains an enormous size; the flesh is a beautiful clear crimson, extending close up to the rind, which is hard, thin and beautifully mottled light and dark green. The shape is oblong, the flavor is sweet and melting, making it one of the best in cultivation. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

HENDERSON'S GREEN AND GOLD. The largest early variety, very productive and of delicious flavor. Rind very thin, being only from ⅜ to ½ inch in thickness. Independent of the delicious flavor, its rich golden color will make it most desirable as an ornament for the table, especially if its golden slices are arranged in contrast with the crimson of the older sorts. (*See cut.*) 5c. pkt., 10c. oz., 25c. ¼ lb., 70c. lb.

HUNGARIAN HONEY. This superb variety ripens early. The flesh is a very brilliant red color and of a very rich honey flavor; color of skin, medium dark green; uniformly of medium size. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

CITRON. Fruit round, handsome and small; used in making preserves only. 5c. pkt., 10c. oz., 25c. ¼ lb., 70c. lb.

ICE CREAM (White Seeded). This is one of the best for growing in the latitude of N. Y. In shape it is almost round; the skin is light green, slightly mottled; flesh bright scarlet, and very solid. Medium size, and its delicious flavor leaves nothing to be desired. 5c. pkt., 10c. oz., 25c. ¼ lb., 70c. lb.

JORDAN'S GRAY MONARCH. This distinct melon is the largest of all. The skin is a mottled gray; shape long; flesh bright crimson and of sweet, delicious flavor. It is also a fine shipper. 5c. pkt., 10c. oz., 25c. ¼ lb., 70c. lb.

KOLB'S GEM. Largely grown, particularly in the South, for shipment to Northern markets. As a shipping melon it has hardly an equal. The fruit is nearly round; rind dark green, somewhat marbled with lighter shades. Weight, 25 to 50 lbs. (*See cut.*) 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

MOUNTAIN SWEET. Fruit oblong, dark green; rind thin; flesh red, solid and sweet. 5c. pkt., 10c. oz., 25c. ¼ lb., 70c. lb.

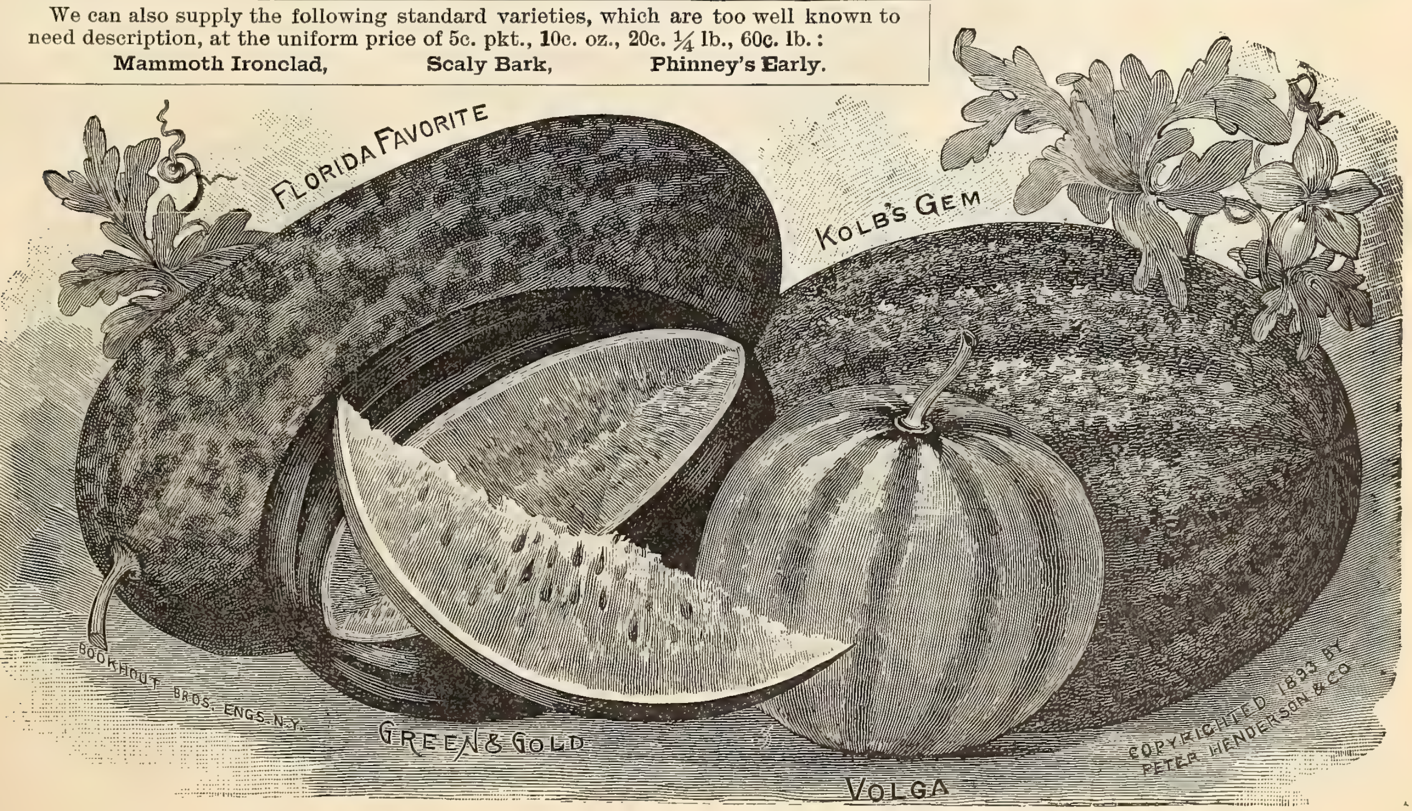
RUBY GOLD. A new seedling from Henderson's Green and Gold. This splendid new melon is a hybrid seedling of the famous "Green and Gold" Watermelon, which was introduced by us in 1888. Its beauty and quality are unexcelled. The "Ruby Gold" averages 40 to 50 lbs. in weight, and is one of the juiciest and finest flavored Watermelons ever raised. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

DIXIE. A new variety said to have the excellent shipping qualities of Kolb's Gem, to which must be added fine flavor and productiveness. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

SEMINOLE. In shape, this is oblong, slightly tapering at the ends. One of the claims of the grower, which we have proved by testing, is that it is solid, ripening clear up to the rind. The flavor is excellent; in a word, it is one of the best. 5c. pkt., 10c. oz., 25c. ¼ lb., 70c. lb.

THE VOLGA. It is perfectly round in shape, averaging about 15 lbs. in weight. The skin is light green in color, slightly mottled, thin and very hard. It will succeed as far North as Montreal. The color of the flesh is bright red and is of a delicious melting flavor. (*See cut.*) 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

We can also supply the following standard varieties, which are too well known to need description, at the uniform price of 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.:
Mammoth Ironclad, Scaly Bark, Phinney's Early.



ONION SEED.

German, *Zwiebel.*—French, *Oignon.* —Spanish, *Cebolla.*

The Onion thrives best in a rather deep, rich, loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread it firmly; sow thinly in drills about a quarter of an inch deep, and one foot apart; cover with fine soil, and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb. Packets, ounces and ¼ lbs. are mailed free.

1 *oz. for* 100 *feet of drill;* 5 *or* 6 *lbs. in drills for an acre.*

SOUTHPORT YELLOW GLOBE. Same shape as White Globe; color yellow. An excellent keeper. Our stock of this is perhaps the finest in the country. (*See cut.*) 5c. pkt., 15c. oz., 50c. ¼ lb., $1.50 lb. In lots of 5 lbs. and upward, $1.40.

LARGE RED GLOBE. With the exception, perhaps, of some of the white varieties, there is no onion that realizes such large prices as this, its beautiful globe shape and rich purplish crimson color making it extremely desirable. The Large Red Globe is a good keeper and of excellent quality. (*See cut.*) 5c. pkt., 15c. oz., 40c. ¼ lb., $1.40 lb. In lots of 5 lbs. and upward, $1.30.

Extra Early Flat Red. A light colored Onion, good keeper, the earliest of all. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.40 lb. In lots of 5 lbs. and upward, $1.30.

Copyrighted, 1891, by Peter Henderson & Co.

WETHERSFIELD LARGE RED. A favorite sort for general crop. A large yielder and a good keeper. (*See cut.*) 5c. pkt., 15c. oz., 40c. ¼ lb., $1.40 lb. In lots of 5 lbs. and upward, $1.30.

YELLOW DUTCH. A flat, yellow Onion; a good yielder, but not so desirable as other yellow sorts on account of its color and shape. It is one of the heaviest croppers. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.40 lb. In lots of 5 lbs. and upward, $1.30.

WHITE PORTUGAL, OR SILVER SKIN. One of the leading sorts of white flat Onions. A most excellent keeper and good yielder. Largely grown for pickling 5c. pkt., 30c. oz., $1.00 ¼ lb., $3.00 lb. In lots of 5 lbs. and upward, $2.90.

SOUTHPORT WHITE GLOBE. Handsome globular Onion, of mild flavor; good keeper. One of the best. (*See cut.*) 5c. pkt., 30c. oz., $1.00 ¼ lb., $3.00 lb. In lots of 5 lbs. and upward, $2.90.

ROUND YELLOW DANVERS. An early variety, good keeper and excellent market sort. Good size; has a thin yellow skin. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.40 lb. In lots of 5 lbs. and upward, $1.30.

YELLOW GLOBE DANVERS. This is the standard variety everywhere, its uniform shape and bright yellow color and fine quality commending it to all. Yellow Globe Danvers is an excellent keeper and is one of the most desirable sorts for either the professional or amateur gardener. (*See cut.*) 5c. pkt., 15c. oz., 50c. ¼ lb., $1.50 lb. In lots of 5 lbs. and upward, $1.40.

Millions of People at the World's Fair admired the Lawns produced by sowing The "Henderson" Lawn Grass Seed. See pages 4 and 54.

ONION SEED—Continued.

SPANISH AND ITALIAN ONIONS.

NEW MAMMOTH POMPEII. (Red Garganus.) Is a very fine Italian variety. It has produced Onions weighing 4 to 5 lbs. each. The skin is a delicate red, the flesh is close-grained and nearly white. Is of a very mild flavor, and in sections where Onions can be sown during autumn, this variety, if transplanted in April, will attain a larger size than any variety we know of. 5c. pkt., 20c. oz., 70c. ¼ lb., $2.25 lb.

QUEEN. This is a very early Onion; small, flat, white and mild flavored. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

NEAPOLITAN MARZAJOLA. An early white, flat Onion of fine flavor. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

GIANT ROCCA. Very large growing globe-shaped variety, of a reddish brown color. Flavor mild and sweet. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

LARGE WHITE ITALIAN TRIPOLI. A new and excellent variety of quick growth and mild flavor. 5c. pkt., 20c. oz., 50c. ¼ lb., $1.75 lb.

LARGE RED ITALIAN TRIPOLI. This has the same characteristics as the White Tripoli; distinct in color, however. 5c. pkt., 20c. oz., 50c. ¼ lb., $1.75 lb.

GIANT WHITE GARGANUS. (Silver King.) Single Onions of this variety, grown from seed, the first season have weighed as much as 3 lbs. It matures early, is a white-skinned and white-fleshed variety, in shape somewhat flat, and of an exceedingly mild and delicate flavor. 10c. pkt., 20c. oz., 70c. ¼ lb., $2.25 lb.

PRIZETAKER. This is the large, beautiful Onion that is seen every fall offered for sale at the fruit stores in New York and other large cities. They are a rich straw color and of enormous size, averaging 12 to 14 inches in circumference. Although of such great size, it is very hard and an excellent keeper. The flavor is mild and delicate, making the Prizetaker a favorite variety for slicing for salads. (*See cut.*) 10c. pkt., 30c. oz., 80c. ¼ lb., $2.50 lb.

WHITE BUNCH. A handsome white variety of vigorous habit, producing large, showy onions of fine quality. This is not a good keeping variety, but for bunching for sale or using in the green state, it cannot be surpassed. (*See cut.*) 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

"PRIZETAKER" ONION.

WHITE BUNCH ONION.

ADRIATIC BARLETTA. A very early, small, pure white variety, having a very delicate silver skin, flesh firm and mild in flavor. Its great merit is its extreme earliness. For pickling purposes it is unexcelled. 10c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

BERMUDA ONIONS.

These are very early varieties, and are grown very largely by the Bermuda growers and those of our own Southern States.

We again have pleasure in offering new crop seed of the true Bermuda Onion, the seed of which it is often difficult to obtain. (*See cut.*)

Pale Red. 5c. pkt., 20c. oz., 70c. ¼ lb., $2.25 lb.

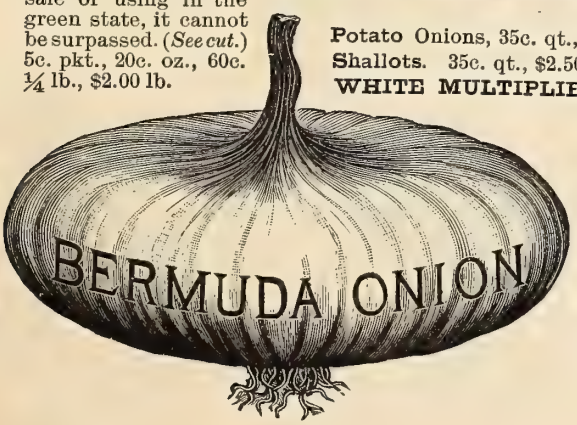
White. 5c. pkt., 20c. oz., 70c. ¼ lb., $2.25 lb.

ONION SETS.

Red, 30c. qt., $2.00 pk. **White,** 35c. qt., $2.50 pk. **Yellow,** 30c. qt., $2.00 pk.

Potato Onions, 35c. qt., $2.50 pk. **Top,** or Button Onions, 30c. qt., $2.00 pk.
Shallots. 35c. qt., $2.50 pk. **Garlic Sets.** 40c. lb.

WHITE MULTIPLIER. An Onion of pure white silvery color, and very hardy. White Onion seed is usually high priced, hence the advantage of a white "Multiplying" Onion of this kind. Very useful for pickling. The **New White Multiplier Onion** is enormously productive, and its handsome appearance will make it very profitable to grow. Price of sets, 40c. per qt., $2.50 per peck.



We reproduce above a copy of a certificate awarded us for our stock of "Prizetaker" Onion by the Royal Horticultural Society of England. This is the highest tribute from the greatest authorities on such subjects in the world.

PARSNIP.

German, *Pastinake.*—French, *Panais.*—Spanish, *Pastinaca.*

1 *oz. per* 200 *feet of drill;* 5 *to* 6 *lbs. in drills for an acre.*

Sow as early in spring as the weather will admit, in drills fifteen inches apart, covering half an inch deep. When well up, thin out to five or six inches apart in the rows. Unlike Carrots, they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, leaving the rest in the ground till spring, to be dug as required.

HENDERSON'S HOLLOW CROWNED. We believe this is the finest stock of Parsnip that can be procured. The roots run of uniform size, and are smooth. The growing taste for this delicious vegetable will make this improved strain particularly desirable. (*See cut.*) 5c. pkt., 10c. oz., 25c. ¼ lb., 60c. lb.

Long Smooth. A fine flavored variety. 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

Early Round. An early variety, but of small size. 5c. pkt., 15c. oz., 25c. ¼ lb., 75c. lb.

PARSLEY.

German, *Petersilie.*—French, *Persil.*—Spanish, *Peregil.*

1 *oz. for* 150 *feet of drill.*

Parsley succeeds best in rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown early in spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart, and half an inch deep. For winter use protect in a frame or light cellar, or a few plants may be placed in pots or boxes and kept in the house for convenient use during the winter.

CHAMPION MOSS CURLED. A very select stock, beautifully crimped and curled. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

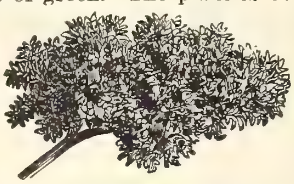
Fern-Leaved. A very beautiful variety; very valuable for table decoration. 5c. pkt., 15c. oz., 30c. ¼ lb., $1.00 lb.

Plain. The leaves of this sort are plain; it is hardier than the curled variety. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

Hamburg or Turnip-Rooted. A fleshy-rooted kind; the roots used for flavoring soups. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

HENDERSON'S EMERALD. Distinct in appearance from any of the other varieties, being of a lighter and more brilliant shade of green. The plant is of dwarf habit, with leaves finely cut and very curly. To growers for the market as well as for private gardens we commend this sort. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

EXTRA DOUBLE CURLED. A fine dwarf variety, beautifully curled; excellent for garnishing. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.



HENDERSON'S EMERALD PARSLEY.

PEPPER.

German, *Pfeffer.*—French, *Piment.*—Spanish, *Pimiento.*

Grown largely for pickles. Sow in hot-bed early in April, and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows eighteen inches apart. They may also be sown in the open ground when the danger of frost is past.

PEPPER, "COUNTY FAIR.

Read the story on page 5 of our great exhibits at the World's Fair. No other American seed house approached our displays either in excellence or extent. Received over 30 awards.

PEPPER—*Continued.*

COUNTY FAIR. It is undoubtedly the best of all horn-shaped Peppers, which, as a rule, are hot and biting, but the County Fair is particularly sweet and mild, being thicker in flesh than any other sort and enormously productive. This variety has been grown on a large scale for several years by one of the most practical and intelligent of New Jersey's farmers, and although we have tried all others, we know of no pepper to equal in quality and productiveness the County Fair. It is strikingly handsome, of medium size, very solid and "meaty," and of sweet, sprightly flavor, entirely free from any biting or burning taste. (*See cut.*) 10c. pkt., 50c. oz., $1.75 ¼ lb.

CARDINAL. A very distinct variety, growing from 5 to 6 inches in length, being about an inch broad at the top and tapering to a point. This Pepper is slightly scimiter-shaped, and is a glossy bright red color. Very sweet and thick-fleshed. 5c. pkt., 40c. oz., $1.25 ¼ lb.

RED CLUSTER. A new type of Chili Red, bearing a profusion of red clusters of very thin pungent peppers in an upright position. It forms a small, compact plant about a foot high. A single plant has been known to produce as many as a thousand peppers. 10c. pkt., 30c. oz., $1.00 ¼ lb.

SWEET MOUNTAIN, or MAMMOTH. Similar to the Bull Nose, but larger and milder in flavor. Used to make stuffed pickles, "Mangoes." 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

LONG RED CAYENNE. The variety of commerce. Pods small, cone-shaped; scarlet red when ripe. Quite a late variety; the pods are as frequently used for pickling green as when ripe. 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

CHILI. Very small and prolific; generally used for making pepper sauce. 5c. pkt., 25c. oz., 75c. ¼ lb.

RUBY KING. (*See cut.*) An exceedingly large and handsome Pepper of mild flavor; the fruits are of a bright ruby red, from 4½ to 6 ins. long by 9 to 12 ins. in circumference. It can be sliced for salad or eaten with salt and vinegar like tomatoes and cucumbers. 10c. pkt., 30c. oz., $1.00 ¼ lb., $3.50 lb.

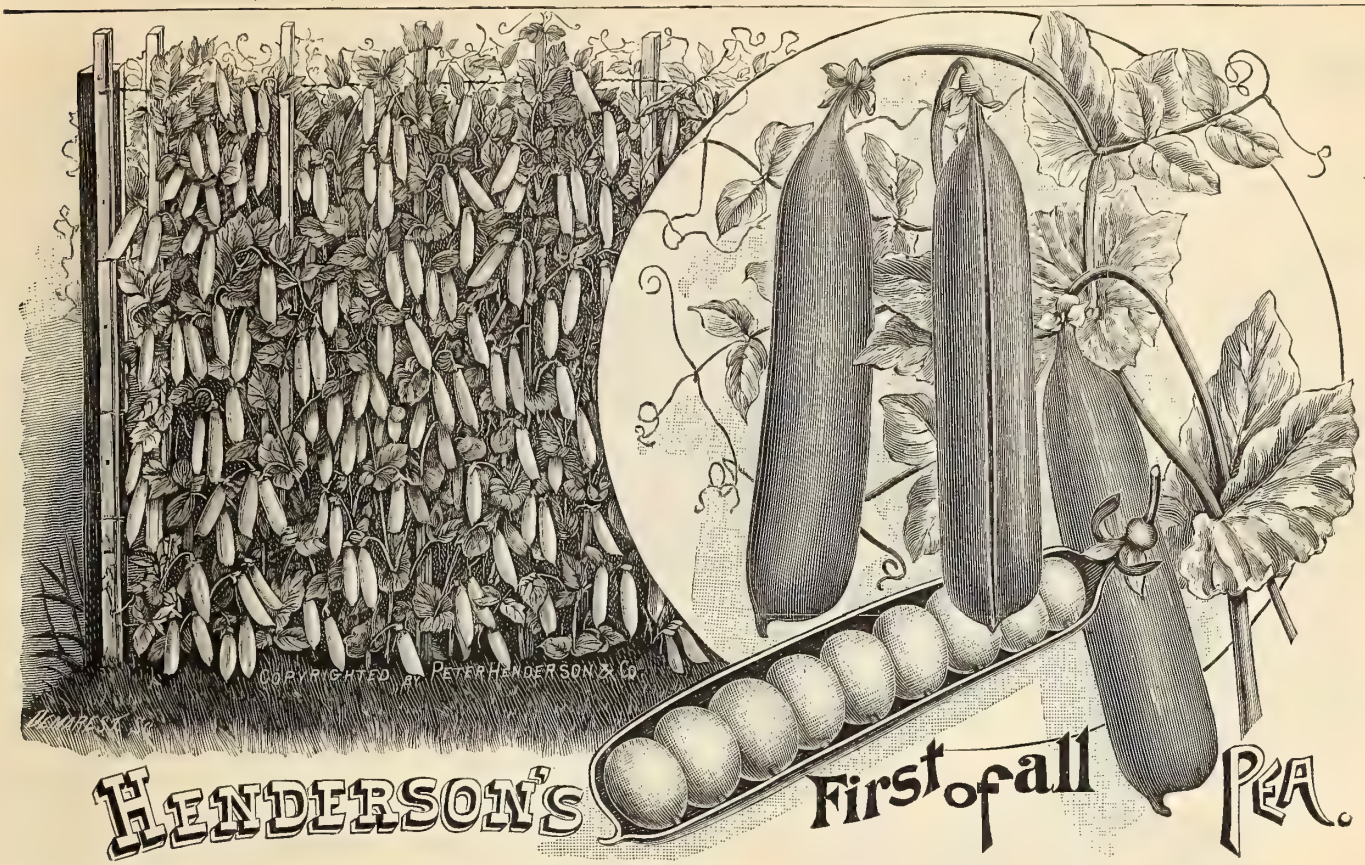
CHERRY RED. Fruit round, of a rich scarlet color. 5c. pkt., 25c. oz., 75c. ¼ lb.

LARGE BELL, or BULL NOSE. An early variety of mild flavor, a favorite for pickling and for use in the natural state. 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

GOLDEN DAWN. Of same shape and size as the Large Bell, but of more delicate flavor; color, yellow. 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

For Pepper Plants, see page 152.

If any of the above Seeds are desired by mail in ½ lb. and upward, postage must be added at the rate of 8c. per lb.; packets, ounces and ¼ lbs. mailed free.



PEAS—EXTRA EARLY.

German, *Erbse.*—French, *Pois.*—Spanish, *Guizante.* 1 *qt. for* 75 *feet of drill.* 2 *to* 3 *bushels in drills for an acre.* *If sent by mail,* 15c. *qt. extra.*

Our trial of Peas is probably the most extensive on this side of the Atlantic, and it enables us to discard inferior sorts, and to offer in the following list only the best varieties. Peas come earliest to maturity in light, rich soil. For general crop, a deep loam or a soil strongly inclining to clay is best. For early crops decomposed leaves or leaf mold should be used, or if the soil is very poor, strong manure may be used. For general crops a good dressing should be applied, and for the dwarf growing kinds the soil can hardly be too rich. When grown as a market crop, peas are never staked, and are sown in single rows, two or three inches deep, and from two to three feet apart, according to variety or strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush, or, what is better, trained on the new garden trellis which is offered on page 157 of this catalogue. For an early crop sow in February, March or April, according to latitude, as soon as the ground can be worked, and make repeated sowings every two weeks for succession. After the first of June, sowing should be discontinued until the middle of August, when a good crop may sometimes be secured by sowing an extra early sort for fall use.

DWARF EXTRA EARLY PEAS.

*Those marked thus * are wrinkled varieties.*

***CHELSEA.** It grows about 15 inches in height and is of compact, short-jointed habit, thus requiring no brushing or staking. The pods are remarkably handsome, being gracefully curved and much longer than any other early dwarf kind. They are well filled, each containing eight to ten good-sized peas of exquisite quality, which, when cooked, are rich, sugary and of marrow-like flavor. The peas are white wrinkled in the dry state. 15c. ½ pt., 25c. pt., 40c. qt., $2.75 peck.

BLUE BEAUTY. Its distinctive feature is its *unusually regular habit of growth.* Of a uniform height of 1½ feet, so smooth and level in its growth that a row of it resembles a well-kept hedge. It is a blue, round pea, and is nearly as early as the American Wonder. Pods of medium size, borne in the greatest profusion, and are well filled for so early a Pea. In quality and flavor Blue Beauty cannot be surpassed. 10c. ½ pt., 20c. pt., 30c. qt., $1.50 peck, $5.00 bushel.

Tom Thumb. Remarkably dwarf and early, of excellent quality, and yields abundantly. Height, 1 foot. 10c. ½ pt., 20c. pt., 30c. qt., $1.75 peck, $6.00 bushel.

***AMERICAN WONDER.** Better suited to the private than the market garden. It is very early. The peas are wrinkled, and its distinctiveness consists in its extreme dwarf growth. Of the finest quality. Height, 12 inches. 10c. ½ pt., 20c. pt., 35c. qt., $2.25 peck, $8.00 bushel.

***PREMIUM GEM.** A very fine dwarf Pea of the Little Gem type, on which it is a great improvement. Height, 15 inches. 10c. ½ pt., 20c. pt., 30c. qt., $1.75 peck, $6.50 bushel.

***LITTLE GEM (McLEAN'S).** A green wrinkled variety which comes into use a few days later than the First of All or Improved Daniel O'Rourke. 18 inches high, very prolific, and of excellent flavor. 10c. ½ pt., 15c. pt., 25c. qt., $1.60 peck, $5.75 bushel.

Extra Early Peas of Medium Height.

HENDERSON'S FIRST OF ALL. The best extra early Pea ever offered. This variety is unequaled for excellence, yield, size of pod and regularity of growth. Height, 2½ feet, or fully six inches dwarfer than the Improved Daniel O'Rourke, First and Best, or Philadelphia Extra Early, and produces pods of good size, which are well filled with round, smooth peas of splendid flavor. It is a prodigious bearer, and ripens up so evenly as not to require more than two pickings to clear off the crop, and in this last feature and in its extreme earliness consists its great value to market gardeners and truckers. At the same time we know of no other variety that is more popular than Henderson's First of All in private gardens. This variety is sent out only in sealed packages and bags. (*See cut.*) 10c. ½ pt., 15c. pt., 25c. qt., $1.25 peck, $4.50 bushel.

IMPROVED DANIEL O'ROURKE. A favorite extra early variety. Height, 3 feet. 10c. ½ pt., 15c. pt., 25c. qt., $1.15 peck, $4.00 bushel.

***LAXTON'S ALPHA.** The earliest of all the medium height wrinkled Peas, of fine quality and very prolific; pods large and well filled. Height, 3 feet. 10c. ½ pt., 20c. pt., 35c. qt., $1.75 peck, $6.50 bushel.

***THE ADMIRAL.** The heaviest cropping early Pea extant. This wrinkled variety grows to a height of from 3½ to 4 feet. The pods are borne in great profusion from top to bottom of the vine and are well packed with large peas of very sweet flavor. 10c. ½ pt., 20c. pt., 30c. qt., $2.00 peck, $7.00 bushel.

ALASKA. The earliest blue Pea. The dark green color of the pods makes it extremely desirable as it can be carried long distances without losing color, which quality, combined with its earliness and uniformity of ripening, makes it a most desirable Pea for market gardeners. Height, 2 feet. 10c. ½ pt., 15c. pt., 25c. qt., $1.25 peck, $4.50 bushel.

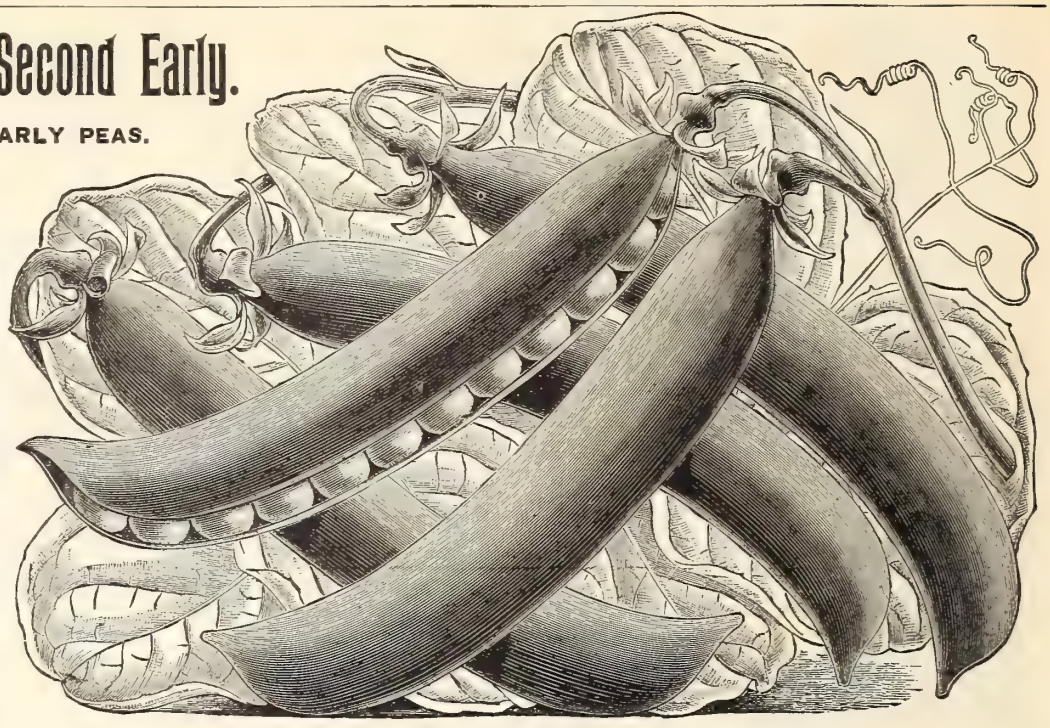
Peas, Medium or Second Early.

DWARF, SECOND EARLY PEAS.

Those marked thus * are wrinkled varieties.

***HORSFORD'S MARKET GARDEN.** A grand wrinkled variety, coming in between Little Gem and Advancer. The vines are two feet high, very regular in growth. It is a prolific bearer, and has yielded more per acre than any other American variety. The pods, although of medium size, are numerous, and are literally packed with peas of a delicious sweet flavor. 10c. ½ pt., 15c. pt., 25c. qt., $1.50 peck, $5.00 bushel.

***ABUNDANCE.** A second early variety, attaining a height of 3 feet. Pods 3 to 3½ inches long, roundish and well filled, containing 6 to 8 large wrinkled peas of excellent quality. This variety is remarkable for branching directly from the roots. 10c. ½ pt., 15c. pt., 25c. qt., $1.50 peck, $5.00 bushel.



FILLBASKET PEA.

SHROPSHIRE HERO PEA.

Second Early Peas of Medium Height.

Those marked thus * are wrinkled varieties.

***McLEAN'S ADVANCER.** A second early variety, attaining a height of 2½ feet, a great favorite with growers in this neighborhood, among whom it is often known as the Dwarf Champion. It is a green wrinkled variety of fine flavor. 10c. ½ pt., 15c. pt., 25c. qt., $1.50 peck, $5.00 bushel.

FILLBASKET. This variety is one the best second early Peas in cultivation; a heavy cropper; of excellent flavor; height, 3½ feet. (*See cut.*) 10c. ½ pt., 20c. pt., 30c. qt., $1.75 peck, $6.00 bushel.

***THE HEROINE.** This is the grandest pea on the entire list, and is now offered at a price that places it within the reach of all. It should be in every garden for it is the greatest acquisition we have had in new Peas in many years. Read what we say about it, page 14. 15c. ½ pt., 25c. pt., 40c. qt., $2.75 peck.

***SHROPSHIRE HERO.** This valuable, new, second early wrinkled Pea is a decided improvement on the old Yorkshire Hero. It is a robust grower, about 3 feet high, producing long, handsome and well-filled pods in abundance. Flavor exquisite. We recommend it highly. (*See cut.*) 10c. ½ pt., 20c. pt., 35c., qt., $2.25 peck, $8.00 bushel.

PETIT POIS. The genuine small French Pea. We have had frequent calls from customers for the real French Peas, such as they have eaten in Paris and other Continental cities. This we have succeeded in getting, and now offer the genuine "French Petit Pois." The pods are long and slim and contain 8 to 10 small peas of tender, delicate quality. The vines are vigorous and branching, attaining a height of from 3 to 4 feet. This variety is medium early, and extremely prolific. 15c. ½ pt., 25c. pt., 40c. qt.

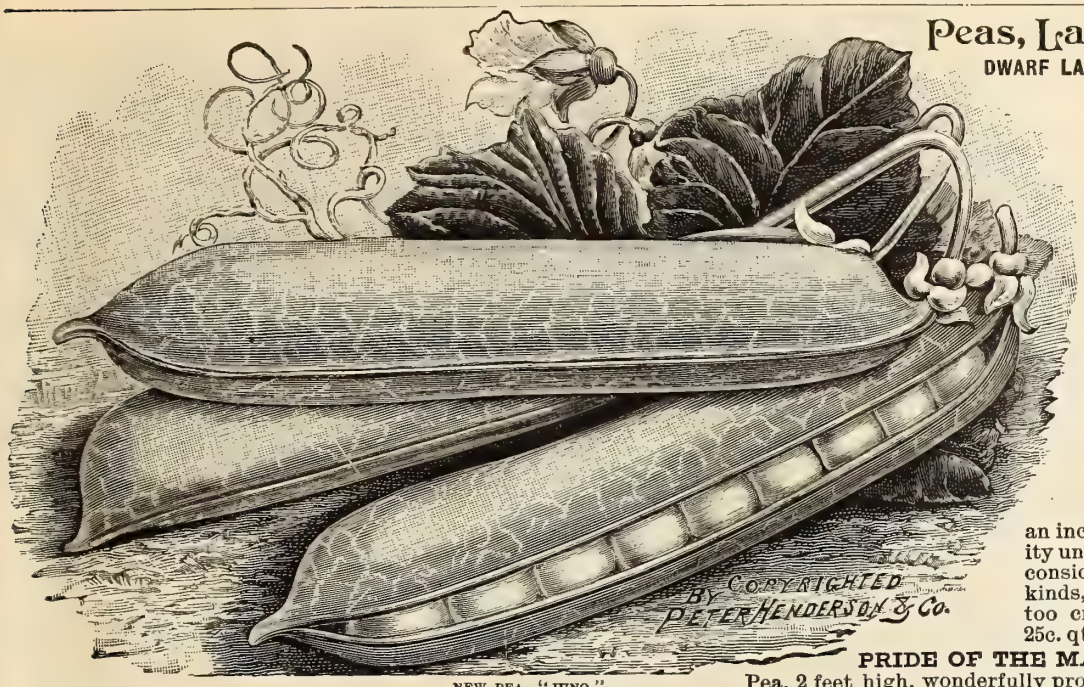
***HENDERSON'S MIDSUMMER.** A second early and new white, wrinkled variety. Height, 3 feet. The pods are produced in pairs, and it is a most abundant bearer. The quality leaves nothing to be desired. 10c. ½ pt., 20c. pt., 35c. qt., $2.25 pk., $7.50 bu.

Edible Podded or Sugar Peas.

MELTING SUGAR. (Edible pods.) It grows to the height of five feet, bears a profusion of large, broad pods, which are generally found in pairs, and which are so brittle that they snap without any string. It should be used in much the same way as a Wax Bean. The pods when cooked are very sweet and tender. 20c. ½ pt., 40c. pt., 75c. qt., $4.00 peck.

NEW VERY DWARF SUGAR PEA. (Edible pods.) It is unusually dwarf, being very similar in habit to the well-known American Wonder Pea. The pods are beautifully crimped, are of unusual size for such a small growing sort, and are of exquisite, melting quality. 30c. ½ pt., 50c. pt., 80c. qt.

Millions of People at the World's Fair admired the Lawns produced by sowing The "Henderson" Lawn Grass Seed. See pages 4 and 54.



NEW PEA, "JUNO."

Peas, Late or Main Crop.

DWARF LATE OR MAIN CROP PEAS.

Those marked thus * are wrinkled varieties.

***STRATAGEM.** By many this variety is considered the best of the recently introduced English Peas. It is a dwarf, wrinkled, blue marrow, a very heavy cropper, and produces large, remarkably well-filled pods of excellent flavor. Height, 2 feet. 10c. ½ pt., 20c. pt., 35c. qt., $2.00 peck, $7.00 bush.

***EVER-BEARING.** A continuous bearing variety, which gives it especial value for late summer and autumn use. Height, 3 feet, foliage large. Pods 3 to 4 inches long, producing 6 to 8 large wrinkled peas, half an inch and over in diameter; quality unsurpassed. It should be sown considerably thinner than other kinds, else the vines will become too crowded. 10c. ½ pt., 15c. pt., 25c. qt., $1.60 peck, $5.50 bushel.

PRIDE OF THE MARKET. Is a strong growing Pea, 2 feet high, wonderfully productive. The pods are also of large size and handsome appearance and the peas are of splendid quality. 10c. ½ pt., 20c. pt., 35 cts. qt., $2.25 peck, $8.00 bushel.

LATE OR MAIN CROP PEAS OF MEDIUM HEIGHT.

A GRAND ACQUISITION.

***JUNO.** We have no hesitation in saying that it is by far the best wrinkled Pea of its class to-day. It has a robust vine and stout, STRAIGHT pods, usually borne in pairs. The pods are very thick, broad-backed all the way up and filled from the stem to the tips with seven to nine sweet, delicious DARK green peas of immense size. Its height is two feet, and its season from medium early to main crop. Destined to become a standard variety. (*See cut.*) 15c. ½ pt., 25c. pt., 40c. qt.

EVOLUTION. A main crop variety of fine flavor, growing about 3 feet in height; pods and foliage rich dark green; very hardy and prolific. The pods are very large, scimiter-shaped and packed close with good-sized peas of delicious, melting quality. This variety can be depended on for a main crop or late sort, giving large pickings of peas after all others are done. Price, 15c. ½ pt., 25c. pt., 40c. qt. $2.00 peck.

QUEEN. (*See Novelties, page* 14.) 25c. ½ pt., 40c. pt., 75c. qt., $5.00 peck.

TALL LATE OR MAIN CROP PEAS.

Those marked thus * are wrinkled varieties.

***CHAMPION OF ENGLAND.** This is yet, by general consent, acknowledged to be the best of the late tall varieties. The pods and peas are of the largest size and excellent quality. Height, 5 ft. 10c. ½ pt., 15c. pt., 20c. qt., $1.25 peck, $4.00 bushel.

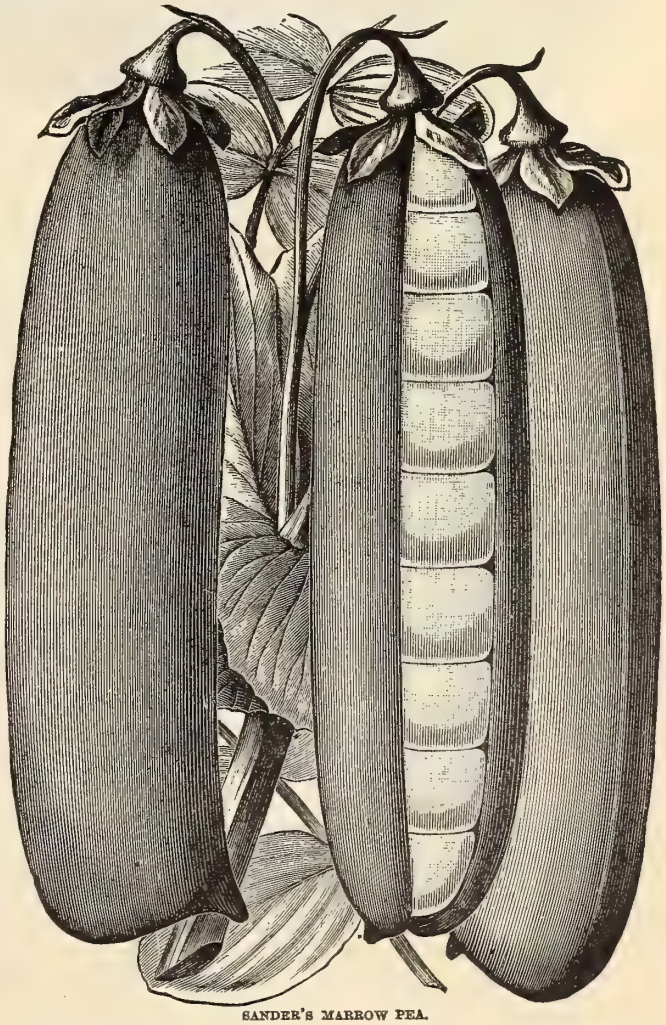
***TELEPHONE.** A tall, wrinkled marrow, enormously productive, and of the best quality. It is a strong grower, averaging 18 pods to the stalk. The pods are of the largest size, and contain from 6 to 7 large peas. A desirable sort for the family garden. Height, 4½ feet. 10c. ½ pt., 15c. pt., 25c. qt., $1.50 peck, $5.50 bushel.

***SANDER'S MARROW.** A tall, very late and immense cropping variety. The pods are produced in pairs, and are well filled with fine, large wrinkled peas; the quality is sweet and delicious. It has the desirable peculiarity of retaining its deep green color when dished for the table. Height, 5 feet. (*See cut.*) 10c. ½ pt., 20c. pt., 35c. qt., $2.25 peck, $7.50 bushel.

***AMERICAN CHAMPION.** The number of testimonials we received favorable to the American Champion Pea only confirms the high opinion we had formed of it in our trials. It is one of the largest of Peas, enormously productive, and its flavor and quality closely approach that of the well-known Champion of England. The pods are produced in pairs and are well filled. Each pod contains from nine to twelve large, fine peas. It is of branching habit and should be sown thinly. Height, 4½ feet. 15c. ½ pt., 25c. pt., 45c. qt., $3.00 peck, $10.00 bushel.

BLACK-EYED MARROWFAT. An old-time favorite; large handsome pods; enormous cropper. Height, 5½ feet. 10c. ½ pt., 15c. pt., 20c. qt., $1.00 peck, $3.00 bushel.

WHITE MARROWFAT. Similar to above but a little finer quality. Height, 5½ feet. 10c. ½ pt., 15c. pt., 20c. qt., $1.00 peck, $3.00 bush.



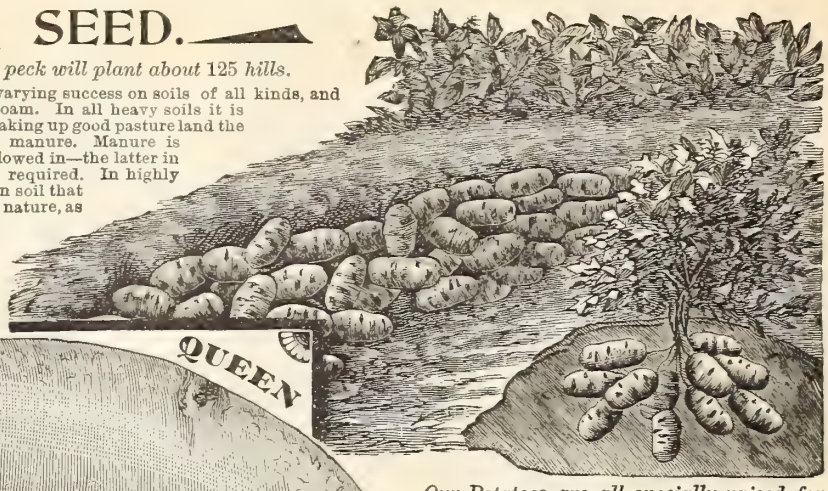
SANDER'S MARROW PEA.

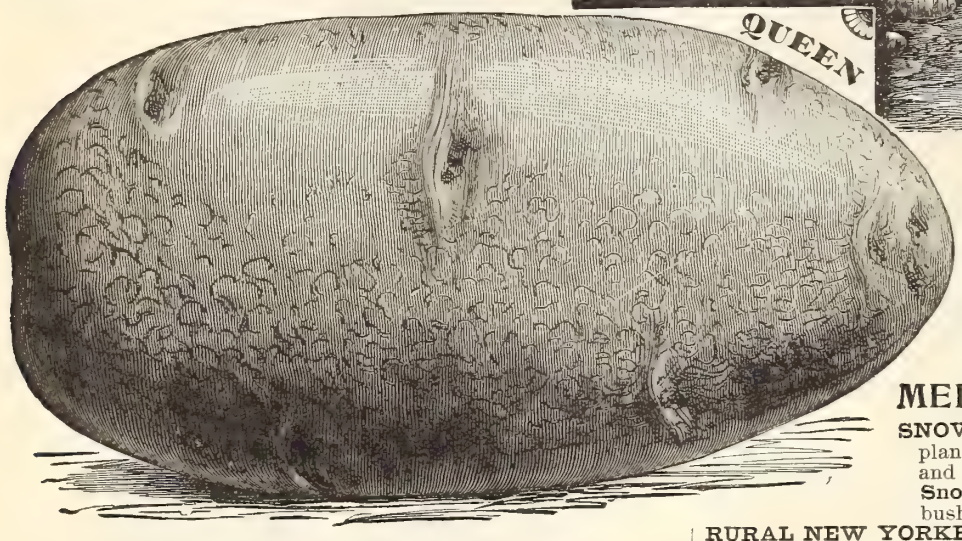
Millions of People at the World's Fair admired the Lawns produced by sowing The "Henderson" Lawn Grass Seed. See pages 4 and 54.

POTATOES FOR SEED.

In drills 3 feet apart; 12 to 14 bushels to the acre. 1 peck will plant about 125 hills.

The Potato, like all robust-growing vegetables, can be grown with varying success on soils of all kinds, and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to disease, and the flavor also is much inferior. In breaking up good pasture land the decaying sod answers sufficiently well for the first year in lieu of manure. Manure is applied either in rows or hills, or broadcast over the hills and plowed in—the latter in most cases being preferable. If the soil is good, but little manure is required. In highly enriched soil the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those of a dry or absorbent nature, as plaster, lime, superphosphate of lime and bone dust. For wet soils these are particularly beneficial, as they not only promote growth but prevent disease. Plant as early in spring as the ground can be had in fair working order, in hills or ridges about three feet apart, covering in light warm soils about four inches deep, but in cold, wet situations two and one-half or three inches will be sufficient.





Our Potatoes are all specially raised for seed purposes and are "Northern Grown." Prices subject to variation. We deliver all potatoes into the hands of transportation companies safely packed; after that our responsibility ceases. Purchasers must take all risks from freezing or heating. In comparing our prices on Potatoes, remember we make no charge for barrels or cartage, but deliver F. O. B., N. Y., at prices quoted.

EARLY VARIETIES.

"EARLY NORTHER." (*See Novelties, page* 15.) $1.00 pk., $3.00 bush., $6.00 bbl.

QUEEN. A grand potato of recent introduction, closely resembling Beauty of Hebron in appearance, color, size and shape, but is much earlier and a heavier yielder. We strongly recommend it. (*See cut.*) 70c. pk., $2.25 bush., $4.50 bbl.

ROCHESTER ROSE. Of recent years, the Early Rose has not done well in some sections. The **Rochester Rose**, which we now offer, is a seedling of the above, and is an improvement in every respect. It will average larger in size, is equally early, and is a much heavier yielder. It possesses the same excellent cooking qualities as the parent variety. 60c. pk., $2.00 bush., $4.25 bbl.

HENDERSON'S EARLY PURITAN. Awarded the medal of excellence at the American Institute Fair in 1888. 70c. pk., $2.25 bush., $4.50 bbl.

EARLY OHIO. Tubers almost round; flesh solid; cooks dry and mealy; very early. 70c. pk., $2.25 bush., $4.50 bbl.

VANGUARD. The earliest variety. The skin is the same color as the Early Rose, indented with few and shallow eyes; flesh white and mealy. 60c. pk., $2.00 bush., $4.25 bbl.

EARLY ROSE. The leading variety for earliness, quality and productiveness. 60c. pk., $2.00 bush., $4.25 bbl.

EARLY SUNRISE. Very early and productive. 60c. pk., $2.00 bush., $4.25 bbl.

EARLY MAINE. Claimed to be an earlier and a better cropper than the Early Rose, and smoother and more regular in shape. 60c. pk., $2.00 bush., $4.25 bbl.

BEAUTY OF HEBRON. One of the best early sorts; productive and of excellent flavor; a good keeper; pure white skin and flesh. 60c. pk., $2.00 bush., $4.25 bbl.

CLARKE'S No. 1. Earlier than the Early Rose and very productive. Cooks mealy. 60c. pk., $2.00 bush., $4.25 bbl.

PEARL OF SAVOY. Is certainly very early and productive. The tubers are oblong and of large size; the flesh pearly white and mealy. 60c. pk., $2.00 bush., $4.25 bbl.

THORBURN. A very desirable early variety; very productive, and of excellent quality. 60c. pk., $2.00 bush., $4.25 bbl.

CHAS. DOWNING. Oval, oblong form and pure white color. One of the earliest sorts, of splendid quality. Enormously productive. 60c. pk., $2.00 bush., $4.25 bbl.

MEDIUM EARLY VARIETIES

SNOWDROP. We do not recommend it for planting for market use, but, where quality and not quantity is desired, we believe the **Snowdrop** to be unequaled. 60c. pk., $2.00 bush., $4.25 bbl.

RURAL NEW YORKER No. 2. Large and smooth variety, of excellent quality; white skin and flesh, with few and shallow eyes. 60c. pk., $2.00 bush., $4.25 bbl.

RURAL BLUSH. An excellent variety, having a beautiful blush skin. It is of first-rate quality and cooks through dry and evenly. A very heavy yielder. 60c. pk., $2.00 bush., $4.25 bbl.

MAIN CROP VARIETIES.

RESTAURANT. If you wish to raise a big crop of large, handsome potatoes, this is the sort to plant. It is of large size, is an enormous yielder, and, for a main crop variety, cannot be excelled. 70c. pk., $2.25 bush., $4.50 bbl.

LATE PURITAN. The early Puritan Potato, which we introduced, has probably attained a wider distribution and greater popularity on both continents than any new variety since the Early Rose. In the **LATE Puritan** we have a potato which is identical with the Early Puritan in appearance, color and quality, but *far more productive.* 70c. pk., $2.25 bush., $4.50 bbl.

MONROE SEEDLING. A fine late variety, and an excellent keeper. 60c. pk., $2.00 bush., $4.25 bbl.

PRIDE OF THE WEST. A flattish-round, red variety; very large; eyes deep but few. The quality is unequaled; medium late; unusually strong grower, and considered to be the heaviest cropper in America. 60c. pk., $2.00 bush., $4.25 bbl.

BILL NYE. A valuable new white kidney variety. It is very smooth and handsome, eyes unusually shallow. 60c. pk., $2.00 bush., $4.25 bbl.

EMPIRE STATE. A main crop variety, wonderfully productive. The skin is white and smooth; flesh pure white, of fine flavor, and cooks very evenly. 60c. pk., $2.00 bush., $4.25 bbl.

ST. PATRICK. Handsome, smooth and regular; oblong in shape, with very few and shallow eyes. It is a large yielder and of the first quality. 60c. pk., $2.00 bush., $4.25 bbl.

MORNING STAR. A late sort, of better quality than most of the heavy croppers. 60c. pk., $2.00 bush., $4.25 bbl.

WHITE ELEPHANT. Late, large, good quality and enormously productive. 60c. pk., $2.00 bush., $4.25 bbl.

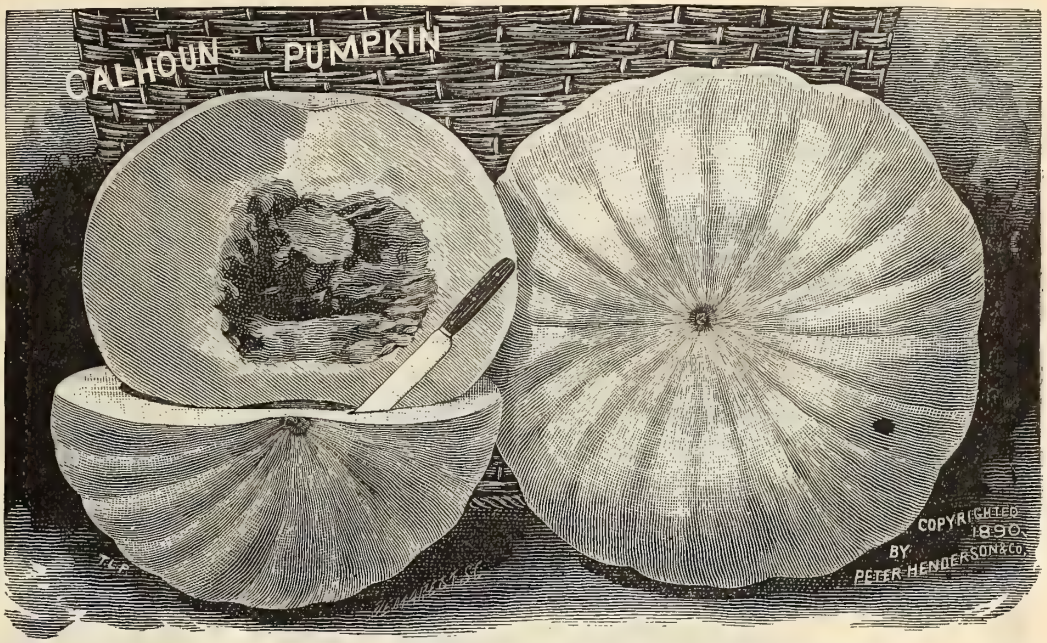
WHITE STAR. Large cropper; cooking qualities of the best; a good keeper. 60c. pk., $2.00 bush., $4.25 bbl.

SPECIAL PRICES FOR LARGE QUANTITIES OF POTATOES ON APPLICATION.

PUMPKIN.

German, *Kürbis.*—French, *Courge.*—Spanish, *Calabaza.*

Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills 8 feet apart.



"NEW ENGLAND" PIE PUMPKIN. (*See Novelties, page* 13.) 20c. pkt.

CALHOUN. We gave this variety a very thorough distribution last year, and wherever heard from, it gave the highest satisfaction, every one speaking of its superior quality. The outside color is a creamy brown; the inside flesh is a deep salmon yellow; the flesh is wonderfully thick and fine-grained, and the seed cavity very small. It cooks very yellow and makes pies of a high rich color and of the finest quality. This variety is entirely fixed in its character, every specimen being uniformly of the shape shown in the engraving. Any one using the **Calhoun Pumpkin** once will never use any other variety, so superior is it in quality. (*See cut.*) 10c. pkt., 25c. oz., 50c. ¼ lb., $1.50 lb.

JONATHAN. A large bottle-shaped variety, with a crook neck; of most attractive appearance. It is very prolific, and the flesh is fine, clear and sweet, making it valuable for pies and other table uses. Its hard shell makes it an excellent keeper. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

LARGE CHEESE. A well-known variety, its fine flesh and rich color making it valuable for pies and table use, while its productiveness renders it useful for stock feeding. Where only one variety is needed the Cheese should always be planted. 5c. pkt., 10c. oz., 25c. ¼ lb., 60c. lb.

JUMBO. This is the variety to be grown where "the biggest pumpkin" is wanted. We have seen specimens weighing 250 pounds. The color of skin is a deep yellow, the flesh being of a lighter shade. Nothwithstanding its enormous size it is delicious in quality and generally desirable. 10c. pkt., 25c. oz., 50c. ¼ lb., $1.50 lb.

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. 5c. pkt., 10c. oz., 25c. ¼ lb., 60c. lb.

Connecticut Field. Very productive; largely grown for feeding stock. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

SUGAR. This variety is smaller than the Large Field, but of finer grain, sweeter and very prolific. 5c. pkt., 10c. oz., 25c. ¼ lb., 50c. lb

RHUBARB.

German, *Rhubarber.*—French, *Rhubarbe.*—Spanish, *Ruibarbo Bastardo.*

Sow in April in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil about three feet apart each way. If propagated by dividing the roots, it may be done either in fall or spring, planting at the same distance apart as given above. The large roots of Rhubarb are easily forced if taken up and packed closely together under the stage of a greenhouse or warm cellar, as no light is necessary for the development of the stalk.

ST. MARTIN'S. A new Scotch variety. It is immensely productive, one of the earliest, and has a rich, spicy flavor very similar to the gooseberry when used for pies or tarts. 20c. pkt., 75c. oz., $2.50 ¼ lb.

Victoria. Very large; later than the Linnæus. 5c. pkt., 20c. oz., 60c. ¼ lb., $1.75 lb.

Linnæus. Early and tender. 5c. pkt., 20c. oz., 60c. ¼ lb., $1.75 lb.

For Rhubarb Roots, see page 152.

RADISH.

German, *Rettig, Radieschen.*—French, *Radis, Rave, Petite Rave.*—Spanish, *Rabano.*

1 *oz. for* 100 *feet of drill;* 9 *to* 10 *lbs. in drills for an acre.*

Radishes thrive best in a light, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior both in appearance and flavor. For a successive supply sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a hot-bed in February, care being taken to give plenty of ventilation, otherwise they will run to leaves.

WINTER RADISHES.

WINTER RADISHES.

ROSE CHINA WINTER. Bright rose color; flesh firm and piquant; fine for winter use. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

LONG BLACK SPANISH. One of the hardiest and best for winter use. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., 80c. lb.

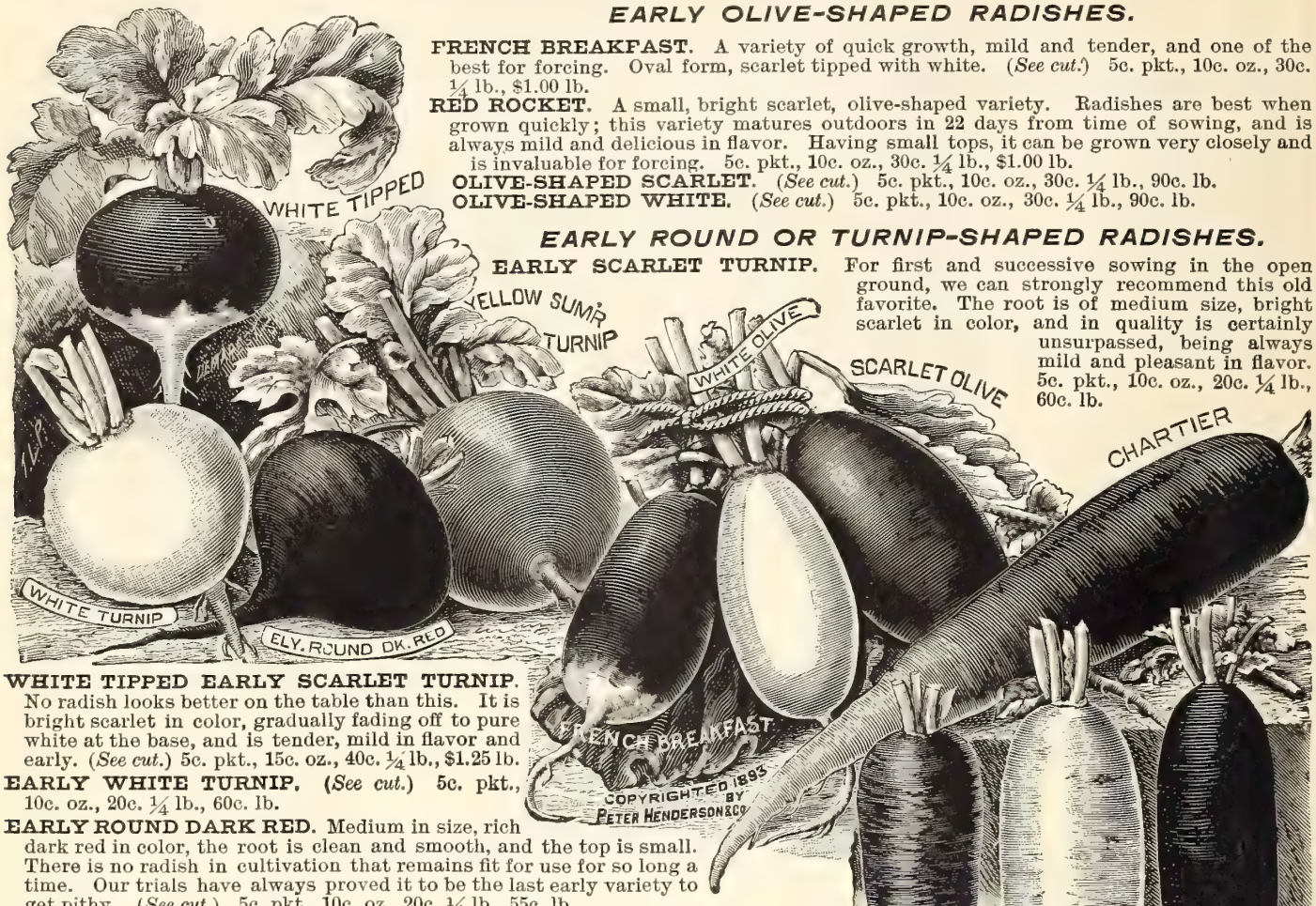
CALIFORNIA MAMMOTH WHITE WINTER. A white-fleshed Radish of excellent quality. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

THE "SANDWICH." This variety is of a pure snow-white color, similar to the White Strasburg in shape, but rather more stump-rooted. We can recommend it to market gardeners as well as to private planters. (*See cut.*) 10c. pkt., 25c. oz., 70c. ¼ lb.

For Summer Radishes, see next page (*No.* 46).

If any of the above Seeds are desired by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb.; packets, ounces and ¼ lbs. mailed free.

RADISH—Early and Summer Varieties.



EARLY OLIVE-SHAPED RADISHES.

FRENCH BREAKFAST. A variety of quick growth, mild and tender, and one of the best for forcing. Oval form, scarlet tipped with white. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

RED ROCKET. A small, bright scarlet, olive-shaped variety. Radishes are best when grown quickly; this variety matures outdoors in 22 days from time of sowing, and is always mild and delicious in flavor. Having small tops, it can be grown very closely and is invaluable for forcing. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

OLIVE-SHAPED SCARLET. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., 90c. lb.

OLIVE-SHAPED WHITE. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., 90c. lb.

EARLY ROUND OR TURNIP-SHAPED RADISHES.

EARLY SCARLET TURNIP. For first and successive sowing in the open ground, we can strongly recommend this old favorite. The root is of medium size, bright scarlet in color, and in quality is certainly unsurpassed, being always mild and pleasant in flavor. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

WHITE TIPPED EARLY SCARLET TURNIP. No radish looks better on the table than this. It is bright scarlet in color, gradually fading off to pure white at the base, and is tender, mild in flavor and early. (*See cut.*) 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

EARLY WHITE TURNIP. (*See cut.*) 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

EARLY ROUND DARK RED. Medium in size, rich dark red in color, the root is clean and smooth, and the top is small. There is no radish in cultivation that remains fit for use for so long a time. Our trials have always proved it to be the last early variety to get pithy. (*See cut.*) 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

EARLY SCARLET GLOBE. A new variety of distinct shape and brilliant color, short-leaved; flesh very crisp and white; an excellent variety for forcing. 10c. pkt., 20c. oz., 50c. ¼ lb., $1.50 lb.

RED FORCING. The tops are exceedingly small and short, rendering it most useful for forcing. The tops are smaller than those of any other radish; in all other respects, however, it is identical with our Early Round Dark Red. 5c. pkt., 15c. oz., 35c. ¼ lb., $1.00 lb.

RAPID FORCING. This grand variety resembles the White Tipped Scarlet Turnip Radish, but is much earlier, coming to maturity in 22 days from the time of sowing, and having very small tops, and will prove to be *the* Radish for forcing purposes. Being very handsome and of fine quality, it is equally desirable for the garden. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

YELLOW SUMMER TURNIP. Grows to a large size; excellent to stand the heat and drought of summer. (*See cut.*) 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

LONG EARLY AND SUMMER RADISHES.

LONG SCARLET SHORT TOP. This variety is largely grown, as its shape (when tied up in bunches) is best suited to ship. Its average length is about 9 inches. (*See cut.*) 5c. pkt., 10c. oz., 20c. ¼ lb., 65c. lb.

BRIGHTEST SCARLET. It is entirely distinct, being a vivid scarlet color tipped with snow-white. (*See cut.*) 10c. pkt., 15c. oz., 50c. ¼ lb., $1.50 lb.

CELESTIAL. It is ready for use when 2½ or 3 inches long and continues until nearly 6 inches long, making it almost an all-seasons Radish. The flesh is firm, solid and pure white, skin creamy white, and is very attractive in appearance. 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

WOOD'S EARLY FRAME. A good variety for forcing. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

LONG WHITE VIENNA (Lady Finger). Beautiful in shape; skin and flesh are pure snow-white; crisp and of rapid growth. (*See cut.*) 5c. pkt., 15c. oz., 40c. ¼ lb., $1.25 lb.

WHITE STRASBURG. It is of a tapering shape, skin and flesh both white. It is an excellent summer variety, being tender, crisp, and of fine flavor, and a quick grower. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

BECKERT'S CHARTIER. The color at top is crimson, running into pink at middle, and from thence downward is pure, waxy white. It will attain a very large size before it becomes unfit for use. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., 90c. lb

GIANT WHITE STUTTGART. Quick growing, and therefore very early. Of the largest size, and both flesh and skin are pure white; quality fine, firm and brittle; never gets pithy. 5c. pkt., 10c. oz., 30c. ¼ lb., 90c. lb.

FOR WINTER RADISHES, SEE PREVIOUS PAGE (No. 45).

SQUASH.

German, *Kürbiss.*—French, *Courge.*—Spanish, *Calabasa Tomtanera.*

Bush sorts, 1 oz. for 50 hills. Bush varieties, 5 to 6 lbs., and running varieties, 3 to 4 lbs., in hills for an acre.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8 cts. per lb.; packets, ounces and ¼ lbs. are mailed free.

SUMMER SQUASH.

LONG ISLAND WHITE BUSH. A vast improvement over the old White Bush Scallop, having less prominent ridges and being much deeper and larger. A single squash will weigh nearly twice as much as the old sort. Of fine quality and very prolific. Strongly recommended for the market gardener and amateur. 10c. pkt., 35c. oz., $1.00 ¼ lb., $3.00 lb.

PINEAPPLE. An old favorite sort of fine quality. (*See cut.*) 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

MAMMOTH BUSH SUMMER CROOK-NECK. The crookneck class of squashes surpasses in quality any of the summer varieties, and in the MAMMOTH we have the delicious buttery flavor of the original sort, but of just double the size. (*See cut.*) 10c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

SILVER CUSTARD. (*See Novelties, page* 15.) 15c. pkt., 2 pkts. 25c., 10 pkts. for $1.00.

GOLDEN CUSTARD BUSH. Exceeds in size any of the scalloped sorts, frequently of 2 feet diameter. A dark rich golden yellow. Quality excellent. It grows in bush form, wonderfully productive. (*See cut.*) 5c. pkt., 10c. oz., 25c. ¼ lb., 85c. lb.

PERFECT GEM. Equally desirable either as a summer or winter Squash. The Squashes are from 4 to 6 inches in diameter, of a creamy white, with thin, smooth shell, slightly ribbed. (*See cut.*) 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

WHITE BUSH SCALLOPED. (Cymlings.) This and the Yellow Bush are esteemed the earliest, and are grown almost exclusively for first crop. From the hard texture of the rind it is well suited for shipping, and they are grown exclusively at the South for that purpose. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

YELLOW BUSH SCALLOPED. (Cymlings.) Differs from the above only in color. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

YELLOW BUSH SUMMER CROOKNECK. A much esteemed variety. The fruit is orange yellow, covered with warty excrescences. It is considered the best flavored of the summer varieties. 5c. pkt., 10c. oz,, 20c. ¼ lb., 60c. lb.

VEGETABLE MARROW. A favorite English sort, oblong, from nine to eighteen inches in length. Flesh white, soft and of rich flavor. (*See cut.*) 5c. pkt., 15c. oz., 40c. ¼ lb., $1.00 lb.

WINTER SQUASH.

HENDERSON'S DELICATA. (*See Novelties, page* 16.) 10c. pkt., 12 pkts. for $1.00.

MARBLEHEAD. An excellent variety resembling the Hubbard. The flesh is rather lighter in color than that variety, while its combination of sweetness, dryness and delicious flavor is remarkable. (*See cut.*) 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

MAMMOTH CHILI. The largest of all Squashes; rather flat at both ends. Its size makes it valuable for stock feeding, while its rich, fine-flavored flesh ensures its value for all other purposes. (*See cut.*) 10c. pkt., 20c. oz., 40c. ¼ lb., $1.25 lb.

HUBBARD. More largely grown as a late sort than any other. It is of large size, often weighing from nine to ten pounds. Color bluish green, occasionally marked with brownish orange or yellow. Flesh fine-grained, dry and of excellent flavor. It can be had in use from September to May. (*See cut.*) 5c. pkt., 10c., oz., 25c. ¼ lb., 75c. lb.

FORDHOOK. The flesh is dry and sweet, of best quality. In a cool, dry room, it keeps in perfect condition until late in June, when Summer Squashes are ready. (*See cut.*) 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

ESSEX HYBRID. Short cylindrical shape, having on the blossom end a small cap-shaped enlargement. The flesh is dry, sweet and thick, and of a bright orange color. Long keeper. Those desiring a "dry" Squash should grow ESSEX HYBRID. (*See cut.*) 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

BOSTON MARROW. Second early, coming in about ten days after the Bush and Crookneck sorts. Skin yellowish, very thin; the flesh dry and fine-grained, and of unsurpassed flavor. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

BAY STATE. Solid and heavy; fine, dry flesh, of sweet flavor, bright golden yellow, very handsome; shell extremely hard; an excellent keeper. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

EARLY PROLIFIC MARROW. Shaped somewhat like Boston Marrow, but much earlier, a beautiful orange color, suffused yellow. The rind is very hard, but thin, and the flesh is deep, fine-grained, and of delicious quality. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

WINTER CROOKNECK. A variety largely grown in some of the Eastern States. Flesh close-grained, sweet and fine-flavored. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

SPINACH.

German, *Spinat.*—French, *Epinard.*—Spanish, *Espinaca.*
1 *oz. for* 100 *ft. of drill.* 10 *to* 12 *lbs. in drills for an acre.*

This is a very important crop in our market gardens, and is one of the most easily managed of all vegetables, requiring but little culture, and may be had fit for use the entire season. The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with the frost; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.

LONG STANDING SPINACH.

HENDERSON'S NORFOLK SAVOY LEAVED. In appearance the leaf is wrinkled in the same way peculiar to the Savoy Cabbage. Hence the name. It should not, however, be sown in spring in the latitude of New York, as it is almost certain to run to seed if then sown. 5c. pkt., 10c. oz., 15c. ¼ lb., 35c. lb.

THICK LEAVED. One of the best market sorts. It produces a large, thick, strong green leaf, somewhat crumpled, and possesses the valuable quality of standing a long time before running to seed. (*See cut.*) 5c. pkt., 10c. oz., 15c. ¼ lb., 35c. lb.

THICK LEAVED SPINACH.

SPINACH—Continued.

LONG STANDING. Except in the characteristic of standing a long time before running to seed, this variety in all other respects closely approaches the well-known Round Leaf. (*See cut.*) 5c. pkt., 10c. oz., 15c. ¼ lb., 35c. lb.

ROUND LEAVED. Generally cultivated for winter use, being very hardy, standing our severest winters with little injury. 5c. pkt., 10c. oz., 15c. ¼ lb., 35c. lb.

NEW ZEALAND. Produces leaves in great abundance throughout the summer; should be raised in heat and transplanted three feet apart each way into light rich soil. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

LARGE ROUND LEAVED VIROFLAY. A newer sort with very large thick leaves. 5c. pkt., 10c. oz., 15c. ¼ lb., 35c. lb.

PRICKLY. Although usually sown in the spring and summer, it also stands well in winter, but gives less bulk per acre than the others named. 5c. pkt., 10c. oz., 15c. ¼ lb., 35c. lb.

SEA-KALE.

German, *Seekohl Meerkohl.*—French, *Crambe Maritime.* Spanish, *Breton de Mar.*

Cultivated for its blanched shoots, which are cooked as Asparagus. A supply may be had all winter, by planting the roots closely in a warm cellar before frost. Sow one inch deep, in drills two feet apart, thin out to six inches, and the next spring plant in hills three feet apart. As this vegetable is only used, when blanched, like Celery, the plants must be excluded from the light by covering up with leaves or litter.

(*See cut.*) 10c. pkt., 30c. oz., $1.00 ¼ lb., $3.50 lb.

For Sea-Kale Roots, see page 51.

SEA-KALE.

SALSIFY.

SALSIFY, or OYSTER PLANT.

German, *Bocksbart.*—French, *Salsifis.*—Spanish, *Ostra Vegetal.*

The Oyster Plant succeeds best in light, well-enriched mellow soil, which, previous to sowing the seeds, should be stirred to a depth of eighteen inches. Sow early in spring in drills fifteen inches apart; cover the seeds with fine soil an inch and a half in depth, and, when the plants are strong enough, thin out to six inches apart.

WHITE FRENCH. 5c. pkt., 10c. oz., 30c. ¼ lb., $1.00 lb.

MAMMOTH SANDWICH ISLAND. A new and improved type, producing roots of nearly double the size and weight of the old variety, and of equally good quality. It has been extensively grown for the markets of many of the large cities, entirely superseding the old sort. (*See cut.*) 10c. pkt., 20c. oz., 40c. ¼ lb., $1.50 lb.

SCORZONERA,

OR BLACK OYSTER PLANT.

This vegetable requires the same treatment as Salsify, which it nearly resembles; it is not, however, so generally esteemed. Sow in drills eighteen inches apart, and thin out to nine inches from plant to plant.

10c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

SORREL.

BROAD LEAVED. Used for salads. 5c. pkt., 15c. oz., 50c. ¼ lb., $1.50 lb.

TOBACCO SEED.

PRIMUS. The earliest sort of all; succeeds well in Canada, and is specially adapted for planting far north. 10c. pkt., 30c. oz., $1.00 ¼ lb.

CONNECTICUT SEED LEAF. 10c. pkt., 30c. oz., $1.00 ¼ lb.

IMPORTED HAVANA. 10c. pkt., 30c. oz., $1.00 ¼ lb.

ZIMMER'S SPANISH. The earliest and best American-Spanish, and a favorite cigar variety, increasing in demand and culture every year. 10c. pkt., 30c. oz., $1.00 ¼ lb.

We can also supply seed of the following standard varieties of tobacco, which are too well known to need description, at 10c. pkt., 30c. oz., $1.00 ¼ lb.:

Sterling, Granville County Yellow, Tuckahoe, Gold Leaf, Hester, Yellow Oronoko, Hyco, Yellow Pryor, White Stem, Florida, Virginia, Kentucky Maryland.

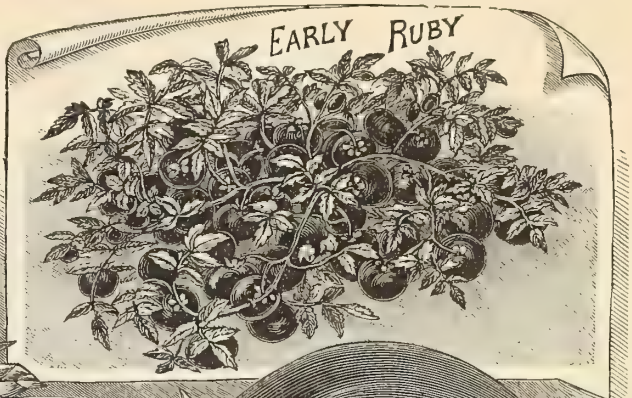
TOBACCO.

If any of above Seeds are desired by mail in quantities of 1-2 lb. and upward, postage must be added at the rate of 8c. per lb.; packets, ounces and 1-4 lbs. mailed free.

TOMATO.

German, *Liebesapfel.*—French, *Tomate.*—Spanish, *Tomate.*

Sow in a hot-bed, greenhouse, or window in a sitting-room, where night temperature is not less than 60 degrees, about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high they should be set out in boxes three inches deep, four or five inches apart, in same temperature, or removed into small pots, allowing a single plant to a pot. They are sometimes transplanted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May, in this latitude, the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. 1 *oz. for* 1,500 *plants;* ¼ *lb.* (*to transplant*) *for an acre.*



CRIMSON CUSHION. (*See Novelties, page* 16.) 25c. pkt., 5 pkts. for $1.00.

PONDEROSA (No. 400). (*See description on page* 17.) 10c. pkt., 60c. oz., $2.00 ¼ lb.

TABLE QUEEN. As large as the Mikado, but perfectly smooth and round. For slicing it is the Tomato "PAR EXCELLENCE" as it is wonderfully solid and contains comparatively few seeds. The color is a rich crimson, and of a most agreeable flavor. (*See cut.*) 5c. pkt., 30c. oz., $1.00 ¼ lb., $3.00 lb.

DWARF CHAMPION. Most distinct and valuable. Dwarf, stiff habit, scarcely needing any support. It is very early and wonderfully prolific. Color same as Acme. Is perfectly round and smooth, of medium size. 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

ESSEX HYBRID. This is an old favorite possessing many good qualities. It follows close after Early Ruby, and is the first of its type to ripen. Fruit is of medium size, very solid, and in color is purplish pink. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

BEAUTY. Handsome, medium-sized and smooth; a good yielder, continuing late in the season. It ripens with the Acme and Perfection. It is a good shipper on account of its solidity. 5c. pkt., 20c. oz., 70c. ¼ lb., $2.25 lb.

THE MIKADO. Notwithstanding that it produces very large fruit, it is at the same time one of the very earliest to ripen. The Tomatoes are produced in immense clusters, are perfectly solid, generally smooth, but sometimes irregular. The color is purplish red. Foliage distinct from any other variety. (*See cut.*) 5c. pkt., 25c. oz., 75c. ¼ lb., $2.50 lb.

PEACH. Very distinct; fruit of uniform size, resembling a peach in shape, size, bloom and color, which is a deep orange rose. 10c. pkt., 25c. oz., 80c. ¼ lb., $3.00 lb.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb.; packets, ounces and ¼ lbs. are mailed free.

(*For Tomato plants, see page* 152.)

"**EARLY RUBY.**" The great value of this variety lies in the fact that it is by far the *earliest* of all the *large-sized* Tomatoes which combine *good form, rich crimson color* and *solidity*, and it is certain to prove the *leading* market variety. (*See cut.*) Price, 5c. pkt., 30c. oz., $1.00 ¼ lb., $3.00 lb.

TROPHY, EXTRA SELECTED. *Saved only from specimens of perfect form.* 10c pkt., 30c. oz., $1.00 ¼ lb., $3.00 lb.

FAVORITE. Large and most perfect shape. Ripens evenly and early, and holds its size to the end of the season. It is very prolific, has few seeds, solid flesh, and bears shipping long distances. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

PERFECTION. The fruit is almost round, ripens clear up to the stem, is solid and rich in flavor. The skin is both thin and tough, making it a good shipper, while its clear, bright scarlet color makes it most attractive. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

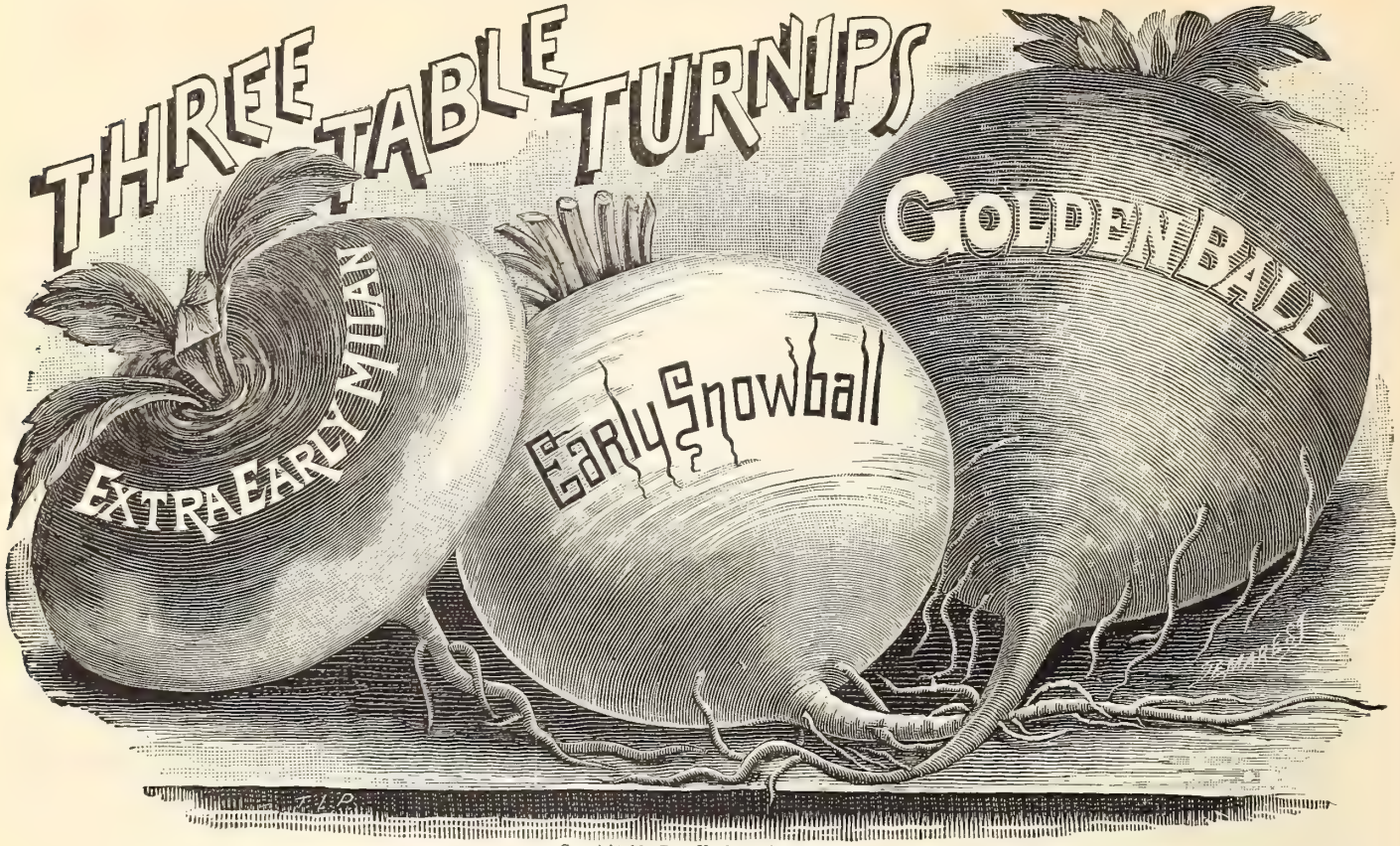
ACME. Early, of medium size, perfectly smooth, very solid and a great bearer. Color crimson, with a pinkish tinge. 5c. pkt., 20c. oz., 60c. ¼ lb., $2.00 lb.

THE SHAH. A sport from the "Mikado," with which it is identical, except in color, which is a dark, waxy yellow. 10c. pkt., 30c. oz., $1.00 ¼ lb., $3.00 lb.

GOLDEN SUNRISE. It has all the good qualities of the best red varieties and is of a beautiful golden-yellow color, making it invaluable for slicing and mixing with red varieties for table use. (*See cut.*) 5c. pkt., 25c. oz., 70c. ¼ lb., $2.50 lb.

We can also supply the following standard varieties of Tomatoes, which are too well known to need description, at the uniform price of 5c. pkt., 20c. oz., 70c. ¼ lb., $2.50 lb.:

Paragon,	**Red Cherry** (*see cut*),	**The Trophy,**
Strawberry, or Winter Cherry,		**Yellow Plum,**
The Lorillard,	**Pear-shaped Red** (*see cut*),	**Ignotum.**



Copyrighted by Peter Henderson & Co., 1891.

TURNIP.

German, *Steckrübe.*—French, *Navet.*—Spanish, *Nabo Coman.* 1 *oz. for* 150 *feet of drill;* 1 *to* 2 *lbs. in drills for an acre.*

Turnips do best in highly enriched, light, sandy or gravelly soils. Commence sowing the earliest varieties in April in drills from twelve to fifteen inches apart, and thin out early to six or nine inches in the rows. For a succession sow at intervals of a fortnight until the last week in July, from which time until the end of August sowings may be made for the fall and main crop. Turnips may be preserved until spring by cutting off the tops about one inch from the bulb, and storing in a cellar or cool shed during winter, covering the roots with dry sand; they should be harvested before severe frost sets in, for, though comparatively hardy, few of the varieties will survive the winters of the Northern States in the open ground.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb.; packets, ounces and ¼ lbs. mailed free.

RED TOP STRAP LEAF. Rapid grower and of mild flavor, the most popular variety for early use, either for the table or for stock. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

EXTRA EARLY MILAN. Crop failed.

Early White Strap Leaf. Differs from the red only in color. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

Early Snowball. A medium-sized, round, pure white variety of excellent flavor. For early sowing this is one of the best, being crisp, tender and sweet; maturing in six weeks from time of sowing. (*See cut.*) 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

LONG WHITE or COW HORN. Matures very quickly; roots shaped like a Carrot, about half of which are formed above ground; flesh white, fine-grained and sweet, and of excellent quality for table use. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

WHITE EGG. Its shape is nearly oval or egg; flesh very firm and fine-grained, thin and perfectly smooth skin, and both flesh and skin are of snowy whiteness. Its flavor is of the very best, mild and sweet. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

Early Flat Dutch. An excellent garden variety resembling White Strap Leaf, the best variety for spring sowing. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

PURPLE TOP WHITE GLOBE. An early variety, globe-shaped; heavy cropper; in other respects similar to the Red Top Strap Leaf. A handsome-looking bulb, and is rapidly taking the lead of all other varieties of early Turnip for market garden purposes. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

GOLDEN BALL or ORANGE JELLY. This is the most distinct yellow turnip we know. The flesh is of very fine texture, making it one of the best table varieties. Its beautiful color and fine flesh have earned for it the synonym of "Orange Jelly," which well describes its appearance when ready for the table. The bulb is of medium size, with small tap roots, and is early in maturing. (*See cut.*) 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

YELLOW STONE. One of the best and most popular yellow fleshed varieties for table use; it is equally good for feeding stock. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

YELLOW GLOBE. One of the best varieties for general crop; flesh very firm and sweet, and keeps well until late in spring; grows to a large size, and is excellent both for stock and table use. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

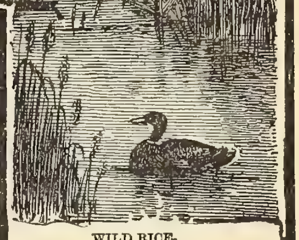
Purple Top Yellow Aberdeen. Very hardy and productive, good keeper, globe-shaped and fine quality. 5c. pkt., 10c. oz., 25c. ¼ lb., 70c. lb.

RUTA BAGA, RUSSIAN OR SWEDISH TURNIP. *See descriptions, page* 56.

Long Island Improved. 5c. pkt., 10c. oz., 25c. ¼ lb., 70c. lb.
Large White French. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.
Improved American. 5c. pkt , 10c. oz., 20c. ¼ lb., 60c. lb.
Laing's Improved. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

Millions of People at the World's Fair admired the Lawns produced by sowing The "Henderson" Lawn Grass Seed. See pages 4 & 54.

SEEDS FOR BIRDS.



WILD RICE.

MISCELLANEOUS SEEDS AND ROOTS.

If any of the undermentioned Seeds are desired by mail, postage must be added at the rate of 8c. per lb. Packets, ounces and ¼ lbs. are mailed free.

Sweet, Pot and Medicinal Herbs.

No garden is complete without a few herbs for culinary or medicinal purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dried quickly and packed closely, entirely excluded from the air. Sow in spring in shallow drills, one foot apart, and when well up thin out or transplant to a proper distance apart.

Basil, Sweet. The leaves and tops of the shoots are used for highly seasoned dishes, soups, stews and sauces; a leaf or two are sometimes introduced into salads. 5c. pkt., 20c. oz.

Borage. Much used in claret and other drinks. An excellent bee plant. 5c. pkt., 20c. oz.

Catnip. 10c. pkt., 50c. oz.

Dill. The leaves are used in soups and sauces, and for flavoring pickles. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

Fennel. The leaves boiled enter into many fish sauces, and raw form a beautiful ornament. 5c. pkt., 10c. oz., 25c. ¼ lb.

Hop Seed. 25c. pkt., $1.50 oz.

Horehound. Principally used for medicinal purposes. 5c. pkt., 30c. oz.

Lavender. A popular aromatic herb. 5c. pkt., 20c. oz., 60c. ¼ lb.

Marjoram, Sweet. For seasoning. (*See cut.*) 5c. pkt., 20c. oz., 60c. ¼ lb.

Sage. The leaves and tender tops are used in stuffing and sauces. (*See cut.*) 5c. pkt., 25c. oz., 70c. ¼ lb., $2.50 lb.

Savory, Summer. Used for seasoning. 5c. pkt., 20c. oz., 50c. ¼ lb.

Thyme, Broad-leaved. For seasoning, etc. 5c. pkt., 40c. oz., $1.25 ¼ lb.

Wormwood. Used for medicinal purposes; it is also beneficial to poultry, and should be planted in poultry grounds. 5c. pkt., 35c. oz.

We can also supply the following varieties of Herbs, which are too well known to need description, at 5c. pkt., 20c. oz.:

Anise,	**Bene,**
Henbane,	**Cumin,**
Pot Marjoram,	**Hyssop,**
Saffron,	**Rosemary,**
Balm,	**Tansy,**
Coriander, (*See cut.*)	**Caraway,**
	Ellecampane,
Opium Poppy,	**Pot Marigold.**
Winter Savory,	

Bird Seeds.

Henderson's Mixed Bird Seed has become famous for its superior quality. We use nothing but freshest high-grade seed free from mildew and dust. Our blend of seeds is particularly relished by canaries. 10c. per lb., $6.00 per 100 lbs.

Canary. Best Sicily. 10c. per lb., $5.50 per 100 lbs.

Hemp. 10c. per lb., $6.00 per 100 lbs.

Lettuce. 5c. oz., 40c. lb.

Maw. 20c. lb., $16.00 per 100 lbs.

Millet. 10c. per lb., $3.50 per 100 lbs.

Rape. 10c. per lb., $7.00 per 100 lbs.

Vetches for Pigeons. 10c. per lb., $6.00 per 100 lbs.

Vegetable Roots and Plants.

Artichokes, Jerusalem. (*See cut.*) 25c. qt., $1.25 peck, $4.00 bush., 3 lbs. by mail, 75c.

Asparagus Roots. (*See page* 19.)

CHUFAS, OR EARTH ALMOND. The nut-like tubers grow near the surface of the ground, where they are easily dug out by pigs or poultry. They are very sweet and nutritious. Easily and cheaply grown, abundant in yield, greedily eaten by hogs, which take on firm fat from them. They mature in September, and lie in the soil till wanted, or pigs can be turned into the patches. One peck of seed per acre. (*See cut.*) Per package, 10c.; pint, by mail, 35c. By express, per pint, 30c.; per peck, $1.50; per bush., $5.00.

Chives. (*See cut.*) 25c. per bunch or clump.

Hop. 20c. each, $2.00 per doz.

Horse-Radish Roots. 25c. doz., 75c. 100, $6.00 1,000.

Mint. 20c. each, $2.00 per doz., $8.00 per 100.

Rhubarb Roots. (*See page* 152.)

Sea-Kale Roots. (*See cut.*) 20c. each, $2.00 per doz., $14.00 per 100.

Tarragon Plants. 35c. each, $3.50 per doz.

Miscellaneous Seeds.

ARTICHOKE, Large Globe. Grown for the unripe flower heads, which are highly esteemed by epicures. 10c. pkt., 40c. oz., $1.50 ¼ lb.

Wild Rice (*Zizania Aquatica*). Much sought after owing to its having attractions for water fowl. (*See cut.*) 25c. lb., $20.00 per 100 lbs.

CHUFAS.

HORSE RADISH.

CORIANDER.

SAGE.

JERUSALEM ARTICHOKES.

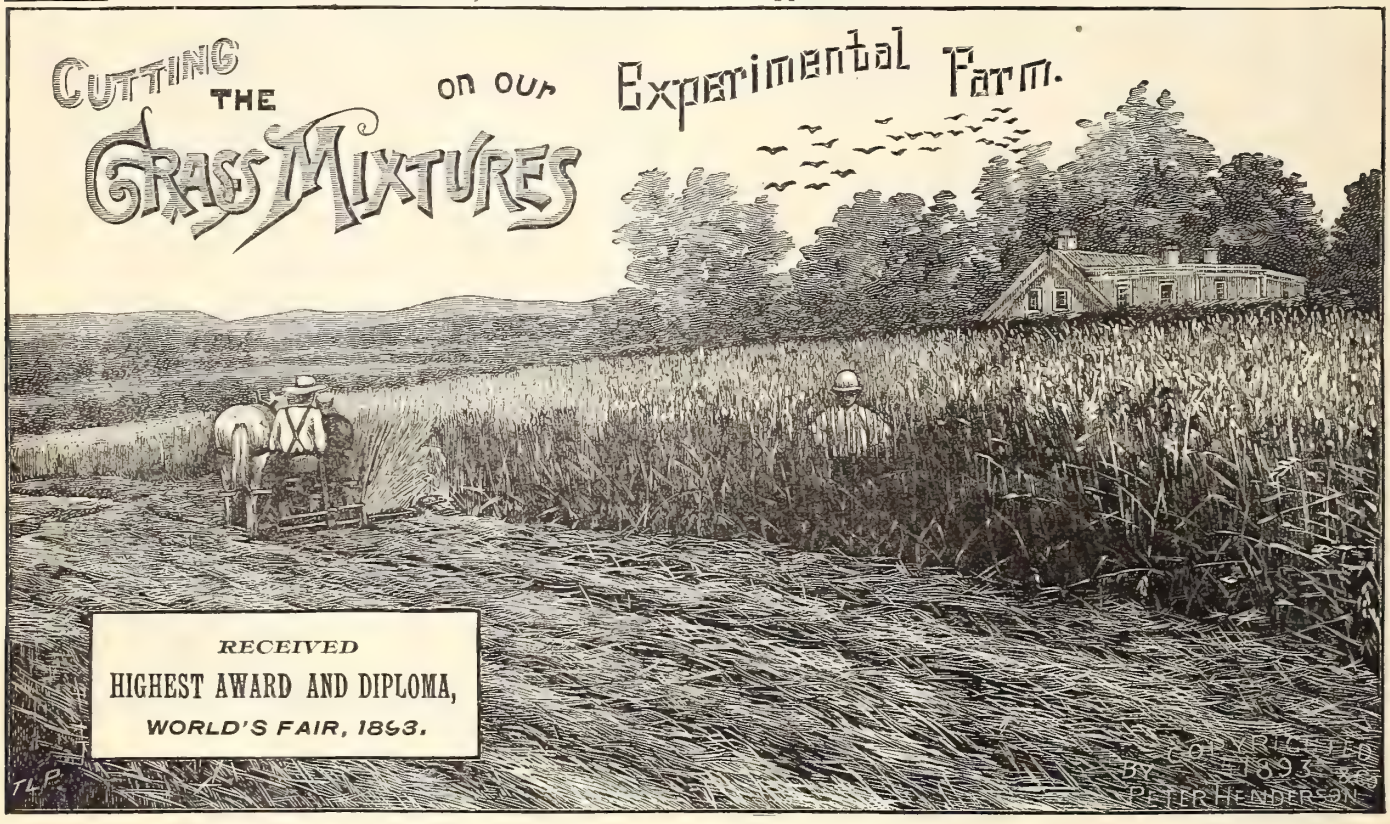
SEA KALE.

CHIVES.

SUMMER SAVORY.

Department of FARM SEEDS

As we issue a very full and complete Catalogue of Farm Seeds, we only give here a simple list and prices of the more important articles in this department. For full description of varieties, etc., see HENDERSON'S AMERICAN FARMERS' MANUAL, which will be sent free on application.



Country Gentleman says: "Below the taller grasses was a thick mat of finer kinds, and the close, rich turf hid every particle of soil."
American Agriculturist says: "Such mixtures are far superior to Timothy, or 'Timothy and Clover,' or any one grass, costing but a little more, lasting much longer, and giving frequently more than double the yield."
Farm and Home says: "The enormous yield of nearly four and one-half tons of good hay per acre should convince any one that more hay and better pasture can be grown with mixtures than with Timothy and Clover alone, as under the very same conditions the latter yielded less than a ton and a half per acre."

HENDERSON'S SPECIAL GRASS MIXTURES

FOR HAY AND PERMANENT PASTURE,

Consisting of the following varieties, **Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue, Sweet Scented Vernal** (True Perennial), **Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, etc.**, as recommended in our book, **"How the Farm Pays,"** blended in proportions which, we have found from actual use, give the most satisfactory results.

On ordinary fertile soil 3 bushels of this mixture is sufficient to seed an acre, but where the land is poor a larger quantity will be necessary. Taking one soil with another a fair average would be 3 bushels to the acre.

For Hay and Permanent Pasture for Light soils		$2.50 per bushel of 14 lbs.
" " " " Medium soils		20 bushel lots, $2.40 per bushel.
" " " " Heavy soils		
" Orchards and Shady Places		50 " 2.30 "
" Hay only. Specially recommended where a large hay crop is desired		100 " 2.25 "
" Pasture Only. A mixture which will stand close cropping without injury		

To these mixtures, intended for either Mowing Lands or Pasture (but which on account of their greater weight should be sown separately), are to be added 10 lbs. of Mixed Clovers, comprising White, Mammoth Perennial or Cow Grass, Alsike, Trefoil, etc., but these should only be sown in the spring, as they are rather tender in this latitude if sown in the fall.

The quantity needed (10 lbs.) of MIXED CLOVERS to sow an acre we will sell for $2.00.

At first sight $7.50 to $10.00 per acre appears to be a high price for the seeding of a pasture, but bear in mind that it is a permanent pasture that we have in view, and nowhere can a permanent pasture be laid down **properly** for a less original outlay than that we name.

FULL DIRECTIONS FOR SOWING ENCLOSED IN EVERY BAG.

HENDERSON'S SPECIAL GRASS MIXTURES

FOR HAY AND TEMPORARY PASTURE.

For those who prefer **TEMPORARY** mowing or grass lands to permanent pasture, we prepare mixtures of clovers and grasses for what is known as "Alternate Husbandry or Rotation Cropping." These mixtures are adapted to the rotation of crop for which they are prepared and in such proportions as **will produce the largest quantity of nutritious food** for the duration of time specified.

The grasses best adapted for this class of pasture are the following: English Rye Grass, Italian Rye Grass, Tall Oat Grass, Meadow Fescue and Orchard Grass, Red Clover, Alsike, Trefoil and Timothy, blended in their proper proportions for the time required. We recommend the following quantities per acre. The grasses may be sown in spring or fall, but the clovers should be sown in spring, for in this latitude they are apt to be winter-killed, being rather tender in the young state.

For One Year:	*1 bush. Mixed Grasses, $2.25.*	*10 lbs. Mixed Clovers, $1.75.*	*Total cost per acre, $4.00.*	**Special Quotations for large Acreages.**
For Two Years:	*2 bush. Mixed Grasses, $4.50.*	*10 lbs. Mixed Clovers, $1.75.*	*Total cost per acre, $6.25.*	
For 3 to 4 Years:	*3 bush. Mixed Grasses, $6.75.*	*10 lbs. Mixed Clovers, $1.75.*	*Total cost per acre, $8.50.*	

COMPLETE LIST OF GRASSES AND CLOVERS.

Prices subject to variation. Special quotations for large quantities.

For full descriptions see "HENDERSON'S AMERICAN FARMERS' MANUAL," free on application.

At the World's Fair we received over thirty medals and awards, fourteen of which were granted to Grasses and Clovers for superior quality and purity of sample.

	Weight per bush.	Per bushel.	Per lb.	Per 100 lbs.
AWNLESS BROME GRASS. (*Bromus Inermis.*) Will stand long droughts and produce heavy crops in dry sections where other grasses would perish	14 lbs.	$5.25	$0.40	$35.00
BERMUDA GRASS. (*Cynodon Dactylon.*) Of great value in the Southern States, will stand a greater degree of heat and drought than any other	35 lbs.		1.50	125.00
Creeping Bent Grass. (*Agrostis Stolonifera.*) Excellent for lawns, succeeds well in most situations	20 lbs.	3.50	.20	16.00
Crested Dog's Tail. (*Cynosursus Cristatus.*) Should enter in moderate quantity in permanent pasture mixtures	21 lbs.	18.00	1.00	85.00
ENGLISH RYE GRASS. (*Lolium Perenne.*) A valuable grass	24 lbs.	3.00	.14	12.00
Fine Leaved Sheep's Fescue. (*Festuca Ovina Tenuifolia.*)	14 lbs.	5.50	.40	38.00
Fowl Meadow Grass. (*Poa Serotina.*) Uncleaned seed	12 lbs.	4.00	.35	32.00
HARD FESCUE. (*Festuca Duriuscula.*) A dwarf growing grass of great value, succeeding well in dry situations	12 lbs.	3.50	.30	28.00
HUNGARIAN GRASS. (*Panicum Germanicum.*) Is a valuable annual forage plant, 1 bushel to the acre	48 lbs.	1.75	.10	3.50
ITALIAN RYE GRASS. (*Lolium Italicum.*) Thrives in almost any soil and yields early and abundant crops	18 lbs.	2.50	.15	12.00
Johnson Grass. (*Sorghum Halapense.*)	25 lbs.	3.50	.20	12.00
KENTUCKY BLUE GRASS. (*Poa Pratensis.*) Choice	14 lbs.	1.75	.15	12.00
—— Fancy or double extra clean	14 lbs.	2.10	.18	14.00
MEADOW FESCUE. (*Festuca Pratensis.*) Of great value in mixtures for permanent pasture	22 lbs.	4.50	.22	20.00
MEADOW FOXTAIL. (*Alopecurus Pratensis.*) Is the principal grass in all rich natural pastures	7 lbs.	2.25	.35	30.00
Meadow, Soft or Velvet Grass. (*Holcus Lanatus.*)	7 lbs.	1.50	.25	20.00
ORCHARD GRASS. (*Dactylis Glomerata.*) One of the most valuable grasses either for pasture or hay	14 lbs.	2.60	.20	18.00
Red or Creeping Fescue. (*Festuca Rubra.*) Suitable for sandy sea coasts and on dry soil	14 lbs.	3.50	.30	28.00
RED TOP GRASS. (*Agrostis Vulgaris.*) Choice	14 lbs.	1.25	.10	8.00
—— Fancy or extra re-cleaned seed	32 lbs.	5.75	.20	16.00
Rhode Island Bent Grass. (*Agrostis Canina.*) A very fine variety for lawns	14 lbs.	2.75	.25	18.00
Rough Stalked Meadow Grass. (*Poa Trivialis.*) Valuable for pastures and meadows, particularly on damp soil	14 lbs.	6.50	.50	45.00
SHEEP'S FESCUE. (*Festuca Ovina.*) Short and dense in growth, excellent for sheep pastures	12 lbs.	3.50	.30	28.00
Sweet Vernal, True Perennial. (*Anthoxanthum Odoratum.*) Emits an agreeable odor, which it imparts to the hay	10 lbs.	$12.00	$1.25	$115.00
TALL MEADOW FESCUE. (*Festuca Elatior.*) Very early, nutritive and productive. Should form a portion of all pastures on wet or clay soils	14 lbs.	5.25	.40	35.00
TALL MEADOW OAT GRASS. (*Avena Elatior.*) Recommended for soiling, being rapid and luxuriant in its growth	10 lbs.	2.25	.25	20.00
TIMOTHY, or HERD GRASS. (*Phleum Pratense.*) We offer a particularly "choice" sample. From ½ to 1 bush. per acre. Price subject to change without notice	45 lbs.	2.75	.10	5.60
Texas Blue Grass. (*Poa Arachnifera.*) Unequaled for winter pasture in the South			3.00	250.00
Various Leaved Fescue. (*Festuca Heterophylla.*) Valuable for permanent pasture, especially on high altitudes	14 lbs.	4.00	.30	28.00
Wood Meadow Grass. (*Poa Nemoralis.*) Of early growth and thriving well under trees	14 lbs.	8.00	.60	55.00
Yellow Oat Grass. "True." (*Avena Flavescens.*) Good for dry pastures and meadows	7 lbs.	8.50	1.25	115.00
ALFALFA or LUCERNE. (*Medicago Sativa.*) In light soils, particularly in southern latitudes, it is invaluable	60 lbs.	10.50	.20	16.00
ALSIKE or HYBRID CLOVER. (*Trifolium Hybridum.*) Equal in nutritive value to the Red or Pea Vine Clover, and excellent for land that is clover-sick	60 lbs.	16.50	.30	25.00
Bokhara Clover. (*Melilotus Leucantha.*) Affords excellent food for bees throughout its season	60 lbs.	22.50	.40	35.00
Japan Clover. (*Lespedeza Striata.*) A low spreading perennial, much like white clover, of great value in the Southern States	20 lbs.	6.50	.35	30.00
Mammoth Red, or Pea Vine Clover. (*Trifolium pratense perenne.*)	60 lbs.	9.00	.16	14.00
RED CLOVER, Medium. (*Trifolium Pratense.*) Price subject to change without notice	60 lbs.	8.50	.15	13.00
SCARLET CLOVER. (*Trifolium Incarnatum.*) Sow in July or August for soiling or mowing the ensuing spring	60 lbs.	7.50	.15	12.00
Suckling Clover. (*Trifolium Filiforme*)	60 lbs.	19.50	.35	30.00
Sainfoin. (*Onobrychis Sativa.*) A valuable fodder plant on light, dry, sandy soils	20 lbs.	2.00	.15	8.00
Trefoil, Yellow or Hop Clover. (*Medicago Lupulina.*) An annual, suitable for sheep pasture and light soils	60 lbs.	16.50	.30	26.00
WHITE CLOVER. (*Trifolium Repens.*) Should be used in all mixtures for permanent pasture and for lawns	60 lbs.	16.50	.30	26.00

Besides offering Grass Seeds and Clover by the lb., 100 lbs., and bushel, we give the standard weight per bushel.

IF DESIRED BY MAIL, ADD 8c. PER POUND FOR POSTAGE.

THE "HENDERSON" LAWN GRASS SEED.

The Purest, Cleanest and Heaviest Lawn Grass Seed Ever Offered!

With it a New Lawn, Thick, Velvety and Green, may be had in Three Months' Time,

Full printed Instructions of "How to Make a Lawn" in each package.

And for Renovating Old Lawns, Bad Spots, etc., it is without a Rival.

THAT the "**Henderson**" **Lawn Grass Seed** is the finest mixture ever offered, the immense quantity we annually sell is the best proof we can offer. It is the best lawn seed for our American climate, and is composed of various grasses that grow and flourish during different months of the year, so that a rich deep green, velvety lawn is constantly maintained. The **Henderson Lawn Seed** is the result of several years' careful experimenting, and as we now offer it the mixture is **unequaled.** It may not also be generally known that it is, relatively speaking, the *cheapest seed offered,* because while the lawn grass mixtures of other seedsmen *will not average over* 14 lbs. to the bushel, the **Henderson Lawn Seed** will weigh from 20 to 21 *lbs. per measured bushel.* The quantity required for making new lawns is 5 bushels per acre, or for renovating old lawns 1 to 2 bushels. For a plot 15x20, or 300 square feet, 1 quart is required for new or 1 pint for renovation. **25c. quart, $1.50 peck, $5.00 bushel.** (*If by mail, add at the rate of 5c. per quart for postage.*)

THE GRASS SEEDS WE USE IN THE "HENDERSON" LAWN GRASS MIXTURE WERE EXHIBITED BY US AT THE WORLD'S COLUMBIAN EXPOSITION AND RECEIVED SEVEN AWARDS FOR SUPERIOR QUALITY AND PURITY OF SAMPLE.

TERRACE SOD MIXTURE. A special mixture of grasses best suited for sowing on terraces, railroad embankments and side hills. Grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out, that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich velvety green turf throughout the season. 35c. quart, $2.00 peck, $7.00 bushel. (*If by mail, add at the rate of 5c. per quart for postage.*)

"SUNNY SOUTH" LAWN GRASS. Is specially prepared for the South or for very dry sections, and contains all the best grasses that are by nature adapted for hot dry situations. 35c. quart, $2.00 peck, $7.00 bushel. (*If by mail, add at the rate of 5c. per quart for postage.*)

"SHADY NOOK" MIXTURE is a combination of fine dwarf-growing evergreen grasses, thriving in the shade under trees, etc. 35c. quart, $2.00 peck, $7.00 bushel. (*If by mail, add at the rate of 5c. per quart for postage*).

Office of Director of Works, World's Columbian Exposition, Chicago, Ill., Oct. 25th, 1893.

The "Henderson" Lawn Grass Seed was used on the World's Fair grounds, and it affords me pleasure to say that the quality of the seed was first-class in every respect, forming lawns rapidly which stood the droughts of the past summer, making a thick sod, and is more durable than any other we have used.

The "Henderson" Lawn Mower has been in practical use on the World's Columbian Exposition grounds ever since the lawns were made. It has given entire satisfaction and proved to be a machine of the highest order of perfection, and as regards light running and durability it excels all others.

R. ULRICH,
Supt. Landscape Department.

THE "HENDERSON" LAWN ENRICHER,

A CLEAN, PORTABLE AND CONVENIENT LAWN DRESSING FOR NEW OR OLD LAWNS, WHICH WE HIGHLY RECOMMEND. See description and price on page 153.

CEREALS.

At the World's Fair we were granted over thirty awards, eight of which were for Cereals.

OATS.

HENDERSON'S CLYDESDALE. A variety of White Oats weighing 50 lbs. to the bushel; very early and productive. We offer these Oats for sale at the **weight of 50 lbs. per bushel,** exactly as grown for us, so that those purchasing will actually receive for every bushel **over one and one-half bushels** according to the American standard. $1.00 peck, $2.50 bushel, 3 bushels for $7.00, 10 bushels and upward, $2.25 per bushel.

Hopetoun. A potato Oat (white) of great value, averaging 44 lbs. to the bushel. 75c. peck, $2.10 bushel.

Black Tartarian. Early, productive and long-strawed; the oats will weigh 40 lbs. to the bushel. 50c. peck, $1.40 bushel.

PROBSTEIER. Very productive and heavy. $1.00 bushel (32 lbs.)

SPRING WHEAT.

SASKATCHEWAN FIFE. The best No. 1 Hard Amber extant. Unequaled for earliness, yield and vigor. $2.00 bushel; 10-bushel lots, $1.85.

Wellman Fife. An improvement on the well-known and favorite Saskatchewan. Is enormously productive, outyielding all other Spring Wheats. $1.00 peck, $3.00 bushel.

WINTER WHEAT.

Prices on application.

Fultz. (Bald.) A first-class milling wheat.

JONES' WINTER FIFE. (Bald.) The grandest winter wheat, yielding 40 to 55 bushels per acre.

Early Red Clawson. (Bald.) Very early.

American Bronze. (Bald.) A strong, strawed variety.

Rochester Red. (Bald.) Medium early.

Golden Cross. (Bearded.)

Hybrid Mediterranean. (Bearded.)

Russian Red. (Bald.) The best European variety we have tried.

EARLY GENESEE GIANT. (Half-bearded.) The latest novelty in winter wheat, truly a wonder for thrifty fall growth, early and strong stooling, short-jointed straw, which stands up well under high culture. Solid, filled erect heads, fine hard amber grain, exceptionally fine milling qualities, and the champion of all in productiveness, yielding at the rate of 64 bushels per acre under good field culture.

EARLY WHITE LEADER. (Bald.) A peer among white wheats. The most handsome in grain of any sort grown, and in productiveness second to no other sort. Tillers abundantly in the fall, covering the ground with a heavy growth of leaves, which act as a mulch through the winter, and in the early spring it starts rapidly into sturdy growth. It ripens early, is exceptionally free from smut, mildew and rust, and does wonderfully well under adverse circumstances. It seems to be adapted to either valley, strong clay or gravel upland.

RYE.

SPRING. An excellent catch crop when the fall sown varieties have been winter-killed. $2.00 bushel.

Excelsior Winter.
Winter.
Thousandfold Winter.
} Prices on application.

BUCKWHEAT.

JAPANESE. Distinct and superior to all other varieties; taller straw and much larger grain, far outyielding the old varieties. $1.50 bushel.

Common. $1 30 bushel.

HENDERSON'S CLYDESDALE OATS.

BARLEY.

NEW WHITE HULLESS. A valuable new variety, which should be sown at the rate of 1½ bushels per acre, about the time of sowing Oats. It is two or three weeks earlier than ordinary Barley, grows about the same height, and will not shatter in the field, even when very ripe. The grain is not unlike Wheat, and weighs about 60 lbs. per bushel, instead of 48 lbs., as other Barley. For feeding to horses and hogs, when ground, it is unequaled. 75c. peck, $2.00 bushel of 48 lbs.

Vermont Champion. Two-rowed, early, hardy and prolific. 60c. peck, $2.00 bushel.

Two-Rowed Duck Bill. 50c. peck, $1.85 bushel.

GOLDEN GRAIN. An exceedingly handsome two-rowed Barley with long ears and grain of the finest color. 75c. peck, $2.50 bushel.

GOLDTHORPE. Has a plump heavy grain of richest color. The ears are long and two-rowed. 75c. peck, $2.50 bushel.

Leading Varieties of Field Corn.

All at the uniform price of 15c. qt., 60c. peck, $2.00 bushel; 10-bushel lots, $1.75 bushel.

Add 15c. per quart extra if to be sent by mail.

DENT VARIETIES.

Early Butler. The earliest yellow Dent variety known, and has the smallest cob of any Dent corn in cultivation.

Hickory King. Largest grains of any white corn, with cobs so extremely small that a single grain almost completely covers the cob section.

Early Mastodon. Early, with very large ears, and can be confidently recommended as the best of its class.

Golden Beauty. Surpasses all in size and appearance.

Queen of the Prairie. In this latitude it has matured a crop in less than ninety days. The ears grow 8 to 10 inches in length, 14 to 16 rows, slightly tapering.

Leaming. Ears of good size, cob small, with large grain. Early.

Mammoth White Surprise. Specially adapted to sections from Pennsylvania south.

Farmers' Favorite. Ripens very early and succeeds far North, and produces unusually well, even on light land.

Chester County Mammoth. One of the largest varieties.

FLINT VARIETIES.

Golden Dew Drop. Reliable for Northern planting as it grows quickly and matures early. As a rule, the Flint varieties do not yield so well as the Dent sorts, but Golden Dew Drop produces two or three ears to the stalk.

King Philip. Very early. Usually matures three months after planting. Ears large sized and handsome, measuring 10 to 12 inches in length.

Compton's Early. Yellow Variety. Very early and prolific.

White Flint. Handsome ears, large and well filled. A good sort.

Large Yellow Flint. Very productive and of good quality.

FODDER CORN.

Southern Horsetooth. Especially adapted for ensilage, and yields a much greater abundance of green fodder than any other variety. Our stock of this variety received a special award at the World's Fair. $1.25 bushel.

Sweet Fodder. This is better than field corn to grow for green fodder; being very sweet and nutritious, cattle will eat every part of the stalk and leaves. $2.00 bush.; 10-bush. lots, $1.80 bush.

Two-bushel seamless bags, 20 cts. each.

Root Crops for Farm Stock.

MANGEL WURZEL.

Sow 6 to 8 lbs per acre.

HENDERSON'S COLOSSAL LONG RED. Roots of the largest size and blood-red color. Quality exceedingly nutritious, and the variety is most distinct and valuable. 15c. ¼ lb., 45c. lb.; in lots of 10 lbs. and upward, 40c. lb.

RED GLOBE. Similar to the Yellow Globe, differing only in color. 15c. ¼ lb., 45c. lb.; in lots of 10 lbs. and upward, 40c. per lb.

GOLDEN TANKARD. Flesh bright golden yellow, and in this respect differs from all other varieties, which cut white. 15c. ¼ lb., 45c. lb.; in lots of 10 lbs. and upward, 40c. lb.

LONG YELLOW. Differs from the Long Red only in color. 15c. ¼ lb., 45c. lb.; in lots of 10 lbs. and upward, 40c. lb.

HENDERSON'S CHAMPION YELLOW GLOBE. Smooth, globe-shaped roots, of large size and excellent quality, are the distinctive features of this variety. 15c. ¼ lb., 45c. lb.; in lots of 10 lbs. and upward, 40c. lb.

HENDERSON'S GIANT INTERMEDIATE. Very profitable to grow. An improvement on Yellow Ovoid. 20c. ¼ lb., 50c. lb.; in lots of 10 lbs. and upward, 45c. lb.

TURNIP.

Ruta Baga, Russian or Swedish.

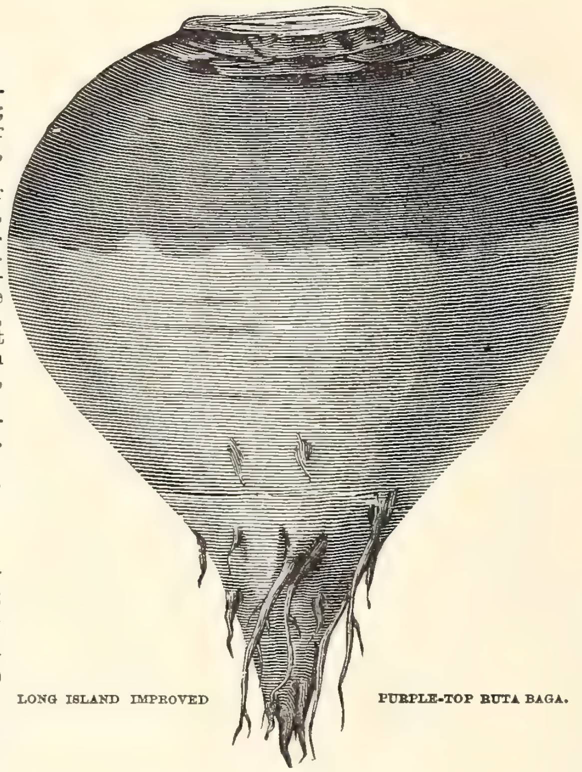
Sow 3 lbs. per acre.

IMPROVED AMERICAN (Purple-Top). Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb., 10 lbs. $5.50.

LARGE WHITE FRENCH. A superior variety for table or stock; flesh firm, white, solid and rich. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb., 10 lbs. $5.50.

LONG ISLAND IMPROVED PURPLE-TOP. This is undoubtedly the finest variety of purple-top Ruta Baga, and is purely of American origin. It is twice the size of ordinary American stocks. (*See cut.*) 5c. pkt., 10c. oz., 25c. ¼ lb., 70c. lb.

LAING'S IMPROVED PURPLE-TOP. An excellent garden variety. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.



LONG ISLAND IMPROVED PURPLE-TOP RUTA BAGA.

Yellow Fleshed.

Sow 3 lbs. per acre.

(For descriptions of these, see page 50.)

Aberdeen Purple-Top Yellow. 70c. lb., 10 lbs. $6.50.

Golden Ball. (*See cut, page 50.*) 75c. lb., 10 lbs. $7.00.

Yellow Globe. 75c. lb., 10 lbs. $7.00.

Imp. Yellow Stone. 75c. lb., 10 lbs. $7.00.

White Fleshed.

Sow 3 lbs. per acre.

Purple-Top White Globe. 60c. lb., 10 lbs. $5.50.

Long White or Cow Horn. 75c. lb., 10 lbs. $7.00.

SUGAR BEET.

Sow 6 to 8 lbs. per acre.

WHITE. A large variety, extensively grown for feeding. 15c. ¼ lb., 40c. lb.; in lots of 10 lbs. and upward, 35c. lb.

VILMORIN'S IMPROVED WHITE. Has more saccharine matter than any other. 20c. ¼ lb., 55c. lb.; in lots of 10 lbs. and upward, 50c. lb.

LANE'S IMPERIAL. 15c. ¼ lb., 45c. lb.; in lots of 10 lbs. and upward, 40c. lb.

CARROT.

Sow 4 lbs. per acre.

For description of varieties, see page 28.

Improved Long Orange	$1.00	per lb.
Yellow Belgian	.70	"
White Belgian	.70	"
Danvers	1.00	"

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb.

Miscellaneous and Sundry Seeds for the Farm.

Bean, Boston Small Pea. $1.50 peck, $4.50 bushel.
" **Burlingame Medium.** $1.50 pk., $4.50 bush.
" **White Marrowfat.** $1.25 peck, $4.25 bushel.
" **Improved Red Kidney.** $1.50 peck, $5.00 bushel.

Cabbage, Champion Ox. $1.50 lb.

CANADA FIELD PEAS. White, 75c. peck, $2.00 bushel. 10 bushel lots, $1.85 bushel.

CANADA FIELD PEAS. Blue, 75c. peck, $2.00 bushel. 10 bushel lots, $1.85 bushel.

Castor Oil Bean. 5c. pkt., 15c. oz.

Celery Seed. For flavoring. 30c. lb.

Cotton, Sea Island. 15c. lb., 100 lbs. $10.00.

Cotton, Upland. 15c. lb., 100 lbs. $10.00.

Cow Peas. $3.00 bushel, 10 bushel lots, $2.85 bushel.

Flax Seed. 25c. qt., by mail, 40c., $4.00 bushel.

Lupins, of Sorts. 25c. lb., 100 lbs. $15.00.

MILLET, German or Golden. 10c. lb., $2.00 bushel, $4.00 100 lbs.

MILLET, Hungarian. 10c. lb., $1.75 bushel, $3.50 100 lbs.

MILLET, Pearl. 20c. lb., $14.00 100 lbs.

Opium Poppy. 20c. oz., $1.25 lb.

Ramie (Bohmeria or Urtica) Nivea. 50c. oz.

Rape, English. 18c. lb., $8.50 bushel, $16.00 100 lbs.

Vetch, Spring. 10c. lb., $3.50 bushel of 60 lbs.
" **Villous.** A quick-growing hardy forage plant. 25c. lb., $12.00 bushel of 60 lbs.

SUNFLOWER, LARGE RUSSIAN. 15c. lb., by mail, 25c., $2.75 bushel, $10.00 100 lbs.

Teosinte (Reana luxurians). $2.50 lb.

WILD RICE (Zizania Aquatica). Much sought after, owing to its having attractions for water-fowl. 25c. lb., if by mail, 35c. lb., 100 lbs. $20.00.

SORGHUM.

	Price per lb.	Price 100 lbs.
Early Amber Sugar Cane. Its distinctive features are its earliness and great yield of both sugar and syrup. Culture the same as for Corn	15c.	$6.00
Early Orange Sugar Cane. A little later than the Amber. It does not succeed well north of latitude 43 degrees.	15c.	6.00
Broom Corn, Evergreen	15c.	6.50
Kaffir Corn	15c.	8.00
Rural Branching Doura (Milo Maize)	20c.	10.00
Jerusalem Corn	15c.	12.00
Yellow Branching	20c.	12.00
Sorghum Halapense (Johnson Grass)	20c.	12.00

An account of the merits of Johnson Grass will be found in our FARMERS' MANUAL.
$3.50 per bushel of 25 lbs.

☞ AS we issue a very full and complete Catalogue of Farm Seeds, we only give here a simple list and prices of the more important articles in this department. For full description of varieties, etc., see HENDERSON'S AMERICAN FARMERS' MANUAL, which will be sent free on application.

DECIDUOUS —AND— EVERGREEN

TREE SEEDS

ORNAMENTAL, SHADE, FOREST, HEDGE & FRUIT.

"Trees can be as easily grown from seeds as the most common vegetable."—FULLER.

We give complete directions for growing trees from seeds on each package.

DECIDUOUS TREES.

Ailanthus Glandulosa (Tree of Heaven).—Large tree, of rapid growth; succeeding everywhere. Largely grown for streets and parks. 10 cts. pkt.; 20 cts. oz.; $1.50 lb.

Ash, White (*Fraxinus Americana*).—A large, handsome shade and ornamental tree, of rapid growth. 10 cts. pkt.; 15 cts. oz.; 50 cts. lb.

Basswood, or American Linden (*Tilia Americana*).—A handsome, large tree, 60 to 80 feet high. 10 cts. pkt.; 15 cts. oz.; $1.00 lb.

Beech, European (*Fagus sylvatica*).—Similar to the American Beech. A choice and beautiful shade tree. 10 cts. oz.; 40 cts. lb.

Butternut (*Juglans cinerea*).—A moderate growing, broad headed tree, sometimes 60 feet high. Nuts large and edible. 15 cts. qt.; $1.00 peck; $3.00 bush

Birch, Black or Sweet; also called **Mahogany and Cherry Birch** (*Betula lenta*).—A large, rapid growing tree, valuable for moist soils and cold climates. 10 cts. pkt.; 25 cts. oz.; $2.00 lb.

Birch, Paper or Canoe (*Betula papyracea*).—A large, rapid growing tree, with brilliant white bark. Effective for landscapes. 10 cts. pkt.; 25 cts. oz.; $2.50 lb.

Blue Gum, or Fever and Ague Tree (*Eucalyptus globulus*).—Famous for rapid growth. Valuable for the extreme South. 10 cts. pkt.; 50 cts. oz.; $5.00 lb.

Chestnut, American Sweet (*Castanea vesca Americana*).—One of our most valuable trees, growing rapidly to a large size. Delicious edible nuts. 50 cts. qt.; $3.00 pk.

Cherry, Wild Black (*Prunus serotina*).—A large tree, rapid upright grower. Valuable for cabinet work. 10 cts. pkt.; 15 cts. oz.; 60 cts. lb.

China Tree, Pride of India, or Umbrella Tree (*Melia azedarach*).—Handsome, rapid growing, about 40 feet high. A favorite in the South for shade. 10 cts. pkt.; 20 cts. oz.; $1.25 lb.

Catalpa, or Indian Bean (*Catalpa bignonioides*).—A handsome shade and ornamental tree of tropical appearance. 10 cts. pkt.; 20 cts. oz.; $1.50 lb.

Catalpa, Hardy Western (*Catalpa speciosa*).—Upright and symmetrical; very hardy, valuable for the West. 10 cts. pkt.; 15 cts. oz.; $1.00 lb.

Cucumber Tree (*Magnolia acuminata*).—Handsome, erect tree of rapid growth; height, 60 to 70 ft. Leaves very large. 10 cts. pkt.; 20 cts. oz.; $2.00 lb.

Dogwood, White Flowering (*Cornus florida*).—A beautiful, small tree; foliage in the fall colors crimson. Large white flowers. 10 cts. pkt.; 15 cts. oz.; $1.00 lb.

Elm, English (*Ulmus campestris*).—A noble ornamental tree, with white spreading head and drooping branches. 10 cts. pkt.; 15 cts. oz.; $1.25 lb.

Hickory, Shellbark or Shagbark (*Carya alba*).—A large and noble forest and ornamental tree. Nuts thin shelled. 35 cts. qt.; $1.50 pk.; $4.00 bush.

Holly, American (*Ilex opaca*).—Broad leaved evergreen trees, scarlet berries. Height, 20 to 40 feet. 10 cts. pkt.; 15 cts. oz.; $1.00 lb.

Larch, European or Tyrolese (*Larix Europœa*).—Desirable ornamental or timber tree. Compact, conical shape. Hardy, of rapid growth. 10 cts. pkt.; 20 cts. oz.; $1.00 lb.

Kentucky Coffee Tree (*Gymnocladus Canadensis.*)—A large, noble, ornamental and shade tree of rapid growth. Height, 60 to 80 feet. 10 cts. pkt.; 15 cts. oz.; 80 cts. lb.

Locust, Honey (*Gleditschia triacanthus*).—A large ornamental tree. Valuable for hedges, branches covered with thorns. 10 cts. oz.; 40 cts. lb.

Locust, Yellow (*Robinia pseud-acacia*).—Medium sized tree, growing rapidly; fragrant white flowers. 10 cts. oz.; 40 cts. lb.

Maiden Hair or Gingko Tree (*Salisburia adiantifolia*).—A handsome tree, sometimes 100 feet high. Leaves fan-shaped. 10 cts. pkt.; 20 cts. oz.; $1.25 lb.

Maple, Sugar, Rock or Hard (*Acer saccharinum*).—Rapid growing shade tree of pyramidal form; height, 80 to 90 feet; a great favorite for street planting. The fall color of the foliage is magnificent. Maple sugar is made from its sap. 10 cts. pkt.; 20 cts. oz.; 75 cts. lb.

Maple, Scarlet, Red or Swamp (*Acer rubra*).—A large, handsome, round-headed shade tree; the foliage in autumn is brilliantly colored. 10 cts. pkt.; 25 cts. oz.; $2.00 lb.

Maple, Sycamore (*Acer Pseudo-platanus*).—A vigorous tree with spreading branches. Height sometimes 100 feet. A good tree for the seashore. 10 cts. pkt.; 15 cts. oz.; 75 cts. lb.

Maple, Norway (*Acer platanoides*).—A round-headed, majestic tree, of moderate growth when young, valuable for forest and shade. 10 cts. pkt.; 15 cts. oz.; 75 cts. lb.

Mulberry, Red (*Morus rubra*).—Generally small, but sometimes attains a height of 60 feet. Fruit large, dark, reddish purple. 10 cts. pkt.; 25 cts. oz.; $2.50 lb.

Mulberry, White (*Morus alba*).—A small tree of rapid growth. Fruit pinkish white. Foliage large and succulent. The best variety for feeding silk worms. 10 cts. pkt.; 25 cts. oz.; $2.00 lb.

Mulberry, Russian (*Morus tartarica*).—A rapid growing tree, thriving on the dry soils of the Western prairies. 15 cts. pkt.; 30 cts. oz.; $3.00 lb.

Magnolia Grandiflora.—Massive foliage, large, white, fragrant flowers. 10 cts. pkt.; 25 cts. oz.; $2.00 lb.

Paulownia Imperialis, or Empress Tree.—A noble ornamental tree; handsome fragrant flowers. A rapid grower; height, 20 to 30 ft. 10 cts. pkt.; 20 cts. oz.; $1.50 lb.

Persimmon, Japan (*Dyospyros Kaki*).—An excellent ornamental tree. Large golden fruit. Not hardy north of Richmond, Va. 10 cts. pkt.; 20 cts. oz.; $1.75 lb.

Pecan Nut (*Carya olivæformis*).—Attains a large size. It is not adapted to a northern climate. Nuts large, edible and thin shelled. 25 cts. lb.

Sweet Gum, Bilsted or Alligator Tree (*Liquidambar styraciflua*).—Noble forest and ornamental tree, of rapid growth, beautiful pyramidal form. Height, 60 to 80 feet. 10 cts. pkt.; 40 cts. oz.; $4.00 lb.

Silver Bell, or Four-winged Snowdrop (*Halesia tetraptera*).—A medium sized tree, large clusters of pure white, bell-shaped flowers. 15c. cts. pkt.; 35 cts. oz.; $3.50 lb.

Sycamore, or Oriental Plane (*Platanus orientalis*).—A rapid growing tree, 75 to 100 feet high, superior to our native Buttonwood, for street planting. 10 cts. pkt.; 20 cts. oz.; $1.00 lb.

Tulip Tree, White Wood or Canoe Wood (*Liriodendron tulipifera*).—Tall, pyramidal form, often 140 feet high. Grows rapidly, clean and straight. 10 cts. pkt.; 15 cts. oz.; 75 cts. lb.

Walnut, Black (*Juglans nigra*).—A valuable tree of round, spreading form. 60 to 90 feet high. Nuts large and edible. 15 cts. qt.; $1.00 pk.; $3.00 bush.

Willow, White (*Salix alba*).—A rapid growing, attractive and useful tree. 10 cts. pkt.; 20 cts. oz.; $1.25 lb.

Yellow Wood (*Cladrastris tinctoria* or *Virgilia lutea*).—A beautiful tree, with a broad, round head. The flowers, white and fragrant, cover the tree in June. 25 cts. pkt.; 80 cts. oz.; $8.00 lb.

ORNAMENTAL SHRUBS AND HEDGE PLANTS.

Asiatic Bladder Nut (*Staphylea colchica*).—One of our finest early flowering shrubs. Flowers in clusters, white and fragrant. 15 cts. pkt.; 40 cts. oz.; $4.00 lb.

Barberry, Common or European (*Berberis vulgaris*).—A handsome shrub; yellow flowers followed by orange-scarlet fruit. 10 cts. pkt.; 15 cts. oz.; $1.25 lb.

Barberry, Purple-Leaved (*Berberis vulgaris atropurpurea*) —Similar to the above, with violet colored foliage and fruit. 15 cts. pkt.; 25 cts. oz.; $2.00 lb.

Bitter Sweet (*Celastrus scandens*).—A hardy climber, leaves bright yellow in fall, with clusters of orange colored fruit. 10 cts. pkt.; 20 cts. oz.; $1.75 lb.

Honeysuckle, Japan (*Lonicera brachypoda*).—A vigorous climber; flowers yellowish white in June. 10 cts. pkt.; 40 cts. oz.; $4.00 lb.

Laburnum or Golden Chain (*Cytisus Laburnum*).—Very ornamental, with long, drooping, showy yellow flowers. 10 cts. pkt.; 15 cts. oz.; $1.00 lb.

Lilac, Purple (*Syringa vulgaris*).—Our common variety; one of the very best. Flowers and young foliage fragrant. 10 cts. pkt.; 25 cts. oz; $2.00 lb.

Lilac, White (*Syringa vulgaris alba*).—One of the best white varieties. 10 cts. pkt.; 25 cts. oz.; $2.00 lb.

Mountain Laurel or Calico Bush (*Kalmia latifolia*).—15 cts. pkt.; $1.00 oz.

Osage Orange (*Maclura aurantiaca*).—A thorny shrub. Largely used for hedges, and is a fine lawn plant. 10 cts. oz.; 50 cts. lb.; $40.00 per 100 lbs.

Privet, California or Japan (*Ligustrum ovalifolium*).—A strong growing shrub, nearly evergreen. One of our best hedge and ornamental plants. 15 cts. pkt.; 20 cts. oz.; $1.50 lb.

Syringa or Mock Orange (*Philadelphus coronarius*).—A strong growing shrub, with pure white, fragrant flowers in June. Clean seed. 15 cts. pkt.; 50 cts. oz.

Strawberry Scented Shrub (*Calycanthus floridus*).—10 cts. pkt.; 20 cts. oz.; $2.00 lb.

Styrax, Japan (*Styrax Japonica*).—A picturesque shrub; flowers white, bell-like, hanging under the branches on long stems. 15 cts. pkt.; 30 cts. oz.; $3.00 lb.

White Fringe (*Chionanthus Virginica*).—A medium sized, choice lawn shrub, with pure white, long, feathery flowers in June. 15 cts. pkt.; 50 cts. oz.; $5.00 lb.

Weigelia, Rose Colored (*Weigelia rosea*).—A vigorous, June blooming shrub, with fine, rose colored flowers. 25 cts. pkt.; $1 50 oz.

Rhododendron maximum (*Great Laurel*).—Handsome, hardy shrubs, rich leathery evergreen foliage and large heads of gorgeous flowers. 15 cts. pkt.; $1.00 oz.

EVERGREEN TREES.

Arbor Vitæ, American (*Thuya occidentalis*).—A small tree, about 30 feet high; popular for hedges, screens, etc. 10 cts. pk; 30 cts. oz; $2 75 lb.

Arbor Vitæ, Japanese Plumed (*Retinospora plumosa*).—A Japan variety, hardy and graceful, with delicate, silvery foliage. 25 cts. pkt.; $2.00 oz.

Arbor Vitæ, Japanese Golden Plumed (*Retinospora plumosa aurea*).—Beautiful, golden tinted foliage unsurpassed for massing or hedges. 25 cts. pkt.; $2.00 oz.

Cedar, Deodar or Indian (*Cedrus deodara*).—A noble evergreen of pyramidal form. Foliage silvery green, graceful and drooping. 15 cts. pkt; 40 cts. oz; $4 00 lb.

Cedar, Red (*Juniperus Virginia*).—A valuable forest and ornamental tree. Varies in height from 30 to 60 feet. 10 cts. pkt.; 15 cts. oz.; 75 cts. lb.

California Redwood (*Sequoia sempervirens*).—A valuable tree in California, 200 to 300 feet high. Succeeds south of Virginia. 15 cts. pkt.; 40 cts. oz.; $4.00 lb.

California Giant Tree (*Sequoia gigantea*).—A famous tree; attains a height of 200 to 300 feet. Not hardy north of Virginia. 25 cts. pkt.; $1.00 oz.

Fir, Japan Silver (*Abies firma*).—Vigorous and hardy. Compact pyramidal form. Foliage large and flat. 25 cts. pkt.; 50 cts. oz.; $4.00 lb.

Fir, Silver Cephalonian (*Abies Cephalonica*).—A beautiful species. A free grower, quite hardy, leaves silvery and dagger-shaped. 15 cts. pkt.; 35 cts. oz.; $3.00 lb.

Fir, Nordman's (*Picea* [*Abies*] *Nordmanniana*).—Handsome, hardy and highly prized. Massive, dark foliage, silvery below. 15 cts. pkt.; 30 cts. oz.; $3.00 lb.

Fir, Pinsapo or Spanish (*Picea* [*Abies*] *pinsapo*).—Handsome and picturesque. Leaves borne in whorls. 15 cts. pkt.; 30 cts. oz.; $3.00 lb.

Hemlock (*Tsuga* [*Abies*] *Canadensis*).—A fine tree of pyramidal form, with light spreading foliage. Height nearly 100 feet. 15 cts. pkt.; 40 cts. oz.; $4.00 lb.

Juniper, Irish (*Juniperus communis Hibernicus*).—Close, upright growing. Handsome for columnar effects in landscapes. 10 cts. pkt.; 15 cts. oz.; 60 cts. lb.

Pine, Yellow, Georgia or Long-Leaved Southern (*Pinus australis*).—A large, very ornamental tree, 60 to 80 feet high. 15 cts. pkt.; 50 cts. oz.; $5.00 lb.

Pine, Yellow Heavy-Wooded (*Pinus ponderosa*).—One of the largest and most common trees of the Rocky Mountains. 15 cts. pkt.; 40 cts. oz.; $4.00 lb.

Pine, White or Weymouth (*Pinus strobus*).—A stately, straight, handsome and valuable tree; height, 100 to 150 feet. 10 cts. pkt.; 20 cts. oz.; $2.00 lb.

Pine, Austrian (*Pinus Austriaca*).—A large tree, of massive form, dark foliage, an important evergreen for lawn planting. 10 cts. pkt.; 20 cts. oz.; $1.50 lb.

Pine, Swiss Stone (*Pinus cembra helvetica*).—Handsome conical form, perfectly erect and regularly branched. 10 cts. pkt.; 15 cts. oz.; 75 cts. lb.

Pine, Corsican (*Pinus Larcio*).—A large, rapid growing, noble tree, resembling the Austrian Pine. 10 cts. pkt.; 25 cts. oz.; $2.00 lb.

Pine, Scotch (*Pinus Sylvestris*).—Open, pyramidal form; foliage dark green. A valuable, ornamental and timber tree. 10 cts. pkt.; 20 cts. oz.; $1.50 lb.

Spruce, Douglas (*Pseudotsuga* [*Abies*] *Douglassi*).—A large and important timber tree of the West; height, 200 to 300 feet. Wood reddish, coarse grained, heavy, strong and valuable. Foliage rich blue; a charming and beautiful evergreen. 25 cts. pkt.; 50 cts. oz.; $5.00 lb.

Spruce, White (*Picea* [*Abies*] *alba*).—A beautiful, compact and symmetrical tree, about 50 feet high. Endures hot summers and cold winters without turning brown. Wood tough, flexible, and used for spars, masts, etc. 15 cts. pkt.; 40 cts. oz; $4.00 lb.

Spruce, Norway (*Picea* [*Abies*] *excelsa*).—A favorite and handsome ornamental tree; of rapid growth and graceful habit. One of our best evergreens. 10 cts. pkt.; 15 cts. oz.; $1.25 lb.

Spruce, Blue Colorado (*Picea* [*Abies*] *pungens*).—A beautiful large tree of pyramidal form and dense growth; foliage rich sage blue. 15 cts. pkt.; $1.00 oz.

FRUIT SEEDS.

Apple Seed. 35 cts. qt.; $8.00 bush.
Cherry Pits, Mahaleb. 50 cts. lb.
Currant, Red. 15 cts pkt.; 50 cts. oz.
" **White.** 15 cts. pkt.; 50 cts. oz.
" **Black.** 15 cts. pkt.; 50 cts. oz.
Gooseberry, Red. 25 cts. pkt.; $1.50 oz.
" **Yellow.** 25c. pkt.; $1.50 oz.
Gooseberry, Green. 25c. pkt.; $1.50 oz.
Peach Pits. 15 cts. qt.; $2.50 bush.
Pear Seed. 25 oz.; $2.50 lb.
Quince Seed. 25 cts. oz.; $2.50 lb.
Raspberry Seed. 15 cts. pkt.; 75 cts. oz.
Strawberry Seed. 15 cts. pkt.; $1.00 oz.
" **Red Alpine.** 25 cts. pkt.
Japanese Wineberry. 15 cts. pkt.

FLOWER SEED NOVELTIES

THE "SWEET SIXTEEN."

INCLUDING

SHOWN ON COLORED PLATE OPPOSITE.

"EMILY HENDERSON," THE QUEEN OF WHITE SWEET PEAS.

A gloriously beautiful acquisition of American origin, introduced by us in 1893.

Absolutely pure white, as clear as alabaster and glistening as satin; all other whites in comparison are tinged with yellow, green or pink.

The flowers are extra large, of remarkable substance, and in form perfection; broad, round standards without the slightest tendency to reflex or curl. **THE STEMS** are stiff and long, supporting the blossoms so that they stand out boldly, giving this variety an added value for cutting.

In earliness and long-continued bloom it outrivals all competitors, flowering nearly two weeks earlier than any of the 63 varieties in our trial grounds, and continues a veritable "cut-and-come-again" to the end of Autumn. **THE FRAGRANCE** is most delicious and distinct.

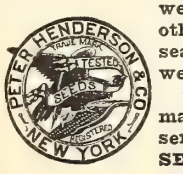
The prodigal abundance of bloom is phenomenal; rarely less than three flowers are borne on a stem and nearly as often four, and frequently stems are found bearing five, six and even seven flowers. The plants are robust, compact and branching, and are so completely covered with flowers, they appear as if covered with snow. From one plant, especially cultivated, we have cut the seemingly incredible number of 1,035 **sprays** of bloom in one season.

For Forcing under Glass the **EMILY HENDERSON** Sweet Pea is bound to outstrip all others on account of its **color, earliness, profusion,** its short, stocky growth, and the immense size of its long-stemmed flowers.

We have received hundreds of laudatory letters from our American and European customers testifying to the many merits of this grand variety, in many cases with extravagant enthusiasm.

Price of the "Emily Henderson" Sweet Pea, 15c. per packet *(of about 50 seeds)*, 50c. per oz.

Caution. **The great merit of the EMILY HENDERSON Sweet Pea has made it widely popular, and we have reason to believe there will be other whites foisted upon the public this season as the "Emily Henderson," and we desire to warn customers against such. Therefore, to protect you, your seedsman and ourselves, we shall this season send it out only in packets and ounces SEALED WITH OUR "RED TRADE-MARK LABEL."**



Rev. W. T. HUTCHINS, Indian Orchard, Mass.,

Who is undoubtedly the greatest amateur collector and cultivator of Sweet Peas, and acknowledged critic and authority on Sweet Peas in America, **writes :—**

"For a popular white I believe yours will control the market. You know that I was skeptical about it last year. My doubts have vanished, and now I shall have to curb my enthusiasm. There is only one white Sweet Pea on the market to compare with it—the Mrs. Sankey—but it does not need comparison with that, since each leads a distinct class. Mrs. Sankey, being a black seeded white, has the faintest tinge of pink in it, while the Emily Henderson ***is a pure glistening white.*** *All other white seeded whites lack substance, but yours stands right out at noonday, challenging the sun's heat. In size it is a true Alba Magnifica, and it is a* ***prodigal bloomer.*** *Side by side with the Blanche Ferry I could see that it had all of the excellent qualities of that valuable variety. I welcome it as not only a valuable variety, but as the second American variety of real merit."*

THE OTHER SWEET PEAS SHOWN ON OPPOSITE PLATE.

Butterfly. (*See No. 2 on colored plate.*) Standards and wings white, faintly suffused lavender; entire flower edged with blue. Oz., 20c. ..... *Pkt.* 5

Orange Prince. (*See No. 3 on colored plate.*) Standards orange pink, wings pink 10

Boreatton. (*See No. 4 on colored plate.*) Standards rich maroon, wings purplish maroon, rich and velvety; immense flowers, thrifty and profuse 10

Queen of the Isles. (*See No. 5 on colored plate.*) Standards white striped, rose and crimson, wings wine red, striped white 10

Primrose. (*See No. 6 on colored plate.*) Pale primrose yellow throughout 10

Mrs. Gladstone. (*See No. 7 on colored plate.*) Standards exquisite soft blush pink, wings slightly deeper, being suffused carmine pink; profuse bloomer; large fine flowers 10

Captain of the Blues. (*See No. 8 on colored plate.*) Standards bright purplish blue, wings ultramarine blue 10

Cardinal. (*See No. 9 on colored plate.*) A grand scarlet; standards cardinal crimson, wings crimson scarlet; large round flowers, profuse 10

Dorothy Tennant. (*See No. 10 on colored plate.*) Heliotrope; beautiful. *Pkt.* 10

Countess of Radnor. (*See No. 11 on colored plate.*) Standards and wings delicate lavender; exquisite 10

Indigo King. (*See No. 12 on colored plate.*) Standards dark maroon purple, wings indigo blue 10

Senator. (*See No. 13 on colored plate.*) Standards striped brown purple on creamy ground, wings dark purple, striped white 10

Princess Victoria. (*See No. 14 on colored plate.*) Standards rosy pink, wings cherry rose with lines of pink 10

Blanche Ferry. (*See No. 15 on colored plate.*) Splendid large flowers of perfect form and great substance on long stiff stems; standard crimson pink, wings blush white; plant branchy and compact, blooming early, long and profusely. Oz., 20c. 5

Her Majesty. (*See No. 16 on colored plate.*) Deep rosy crimson of satiny sheen; large, handsome and distinct 10

THE "SWEET SIXTEEN" COLLECTION OF SWEET PEAS,

One packet each of sixteen varieties described on this page, and shown in colors on opposite page,

PRICE, $1.00, FREE BY MAIL.

While we exercise the greatest care to have all Seeds, Plants and Bulbs pure and reliable, we do not give any warranty express or implied.—If the purchaser does not accept the goods on these conditions, they must be returned at once, and the money that has been paid for same will be refunded.—P. H. & CO.

1894. —— ORDER SHEET FOR PLANTS, Etc. —— 1894.

PETER HENDERSON & CO., 35 & 37 Cortlandt St., New York.

Date ..... 1894. Please forward by ..... {State if wanted by mail; Express [and Company]; Freight [and Route]; Steamer [and Line].

To M ..... ; Gardener's Name .....

Post Office ..... ; County ..... ; State .....

Station ..... ; County ..... ; State .....

Enclosed find Cash, $ ..... ; Draft, $ ..... ; P. O. Order, $ ..... ; Postal Note, $ ..... ; or send C. O. D., $ .....

IMPORTANT NOTICE.—After lengthy negotiations, we have succeeded in obtaining a **lower rate on plants** from the express companies, so that henceforth they will be carried at a reduction of **twenty per cent.** from the rate previously in force. We therefore earnestly advise customers to order their plants sent by express, as we can send larger plants and they arrive in better condition than when sent by mail. To encourage express shipments we make no charge for packing, and generally add enough plants, gratis, of our own selection, to cover express charges. Plants will be sent free by mail when so ordered, but they will necessarily be smaller.

All Seeds by the packet, ounce, and 1-4 lb. are mailed free; but postage must be added, at the rate of 8 cts. per lb., for quantities of 1-2 lb. and upward of one variety; to ***Peas*** and ***Beans*** add at the rate of 15 cts. per quart, and to ***Corn***, 10 cts. per quart.

NUMBER	ARTICLES	PRICE	
	Amount carried forward,		

NUMBER	ARTICLES	PRICE	
	Amount brought forward,		
	Total amount of order,		

(Customers will please not write in this space.)

Route shipped by ..... ; *Date shipped* ..... *1894.*

In ..... *Pkgs.;* ..... *Boxes;* ..... *Baskets;* ..... *Bbls.;* ..... *Bags;* ..... *Bundles.*

The following omitted articles will be sent .....

Laid out by ..... ; *Checked by* ..... ; *Reply required by* .....

·PETER HENDERSON & CO., NEW YORK. 1894·

EAST LITH. CO., N.Y.

THE COLLECTION OF 6 NASTURTIUMS FOR 50 CTS. (EACH PACKET SEPARATE.)
·SIX SELECT NASTURTIUMS·
FOR DESCRIPTIONS SEE PAGE 63.
17
22
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21
PETER HENDERSON & CO., NEW YORK,
·1894·
18
19
23
·SWEET SCENTED PANSIES·
FOR DESCRIPTIONS SEE PAGE 63.
CAST UTH. CO., N.

PETER HENDERSON & CO.
NEW YORK. 1894.
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SIX GORGEOUS POPPIES.
THE COLLECTION FOR 50 CTS.
ONE PACKET EACH.
FOR DESCRIPTIONS SEE PAGE 63.
GAST LITH. CO., N. Y.

For Descriptions See Page 63.

PETUNIAS

"GIANTS OF CALIFORNIA."

SEEDS OF ANY OF THE ABOVE VARIETIES 25¢ PER PACKET.

THE COLLECTION OF SEVEN HERE SHOWN EACH PACKET SEPARATE FOR $1.50

The Flowers shown on preceding Colored Plates.

SIX SELECT NASTURTIUMS.

Shown in colors on page 60.

The varieties shown are of the improved climbing Lobbianum hybrids, differing from the ordinary tall Nasturtiums by blooming much more profusely and with greater brilliancy of coloring. For covering trellises, fences, arbors, piazzas, trailing from vases, over rock-work, etc., nothing can equal the gorgeous effect produced by their marvelous quantities of bloom borne in uninterrupted splendor from early summer until cut down by frost. Their ease of culture and the few weeks of time required to bring them into bloom, the rapidity of growth, luxuriant and dense, to a height of 12 to 15 feet, and their freedom from insects, render them worthy of great popularity.

Mercier Lacomb. (*See No.* 17 *on colored plate.*) Dark purplish crimson, rich and velvety. Per packet, 10 cts.

Lilli Schmidt. (*See No.* 18 *on colored plate.*) Bright orange scarlet; splendid. Per packet, 10 cts.

Asa Gray. (*See No.* 19 *on colored plate.*) Cream white, blotched crimson maroon. Per packet, 10 cts.

Napoleon III. (*See No.* 20 *on colored plate.*) Orange yellow, occasionally flamed rosy scarlet, maroon blotches. Pkt., 10 cts.

Giant of Battle. (*See No.* 21 *on colored plate.*) Blood red, rich and brilliant. Per packet, 10 cts.

Ruby Rose. (*See No.* 22 *on colored plate.*) A charming and unique color. Per packet, 10 cts.

The collection, one pkt. of each, free by mail, for 50 cts.

SWEET-SCENTED PANSIES.

See No. 23 *on colored plate, page* 60.

The perfume of the Violet: the beauty of the Pansy.

DESTINED TO UNBOUNDED POPULARITY.

This new class is the result of crossing the pansy (*viola tricolor*) with the sweet violet (*viola cornuta*); the resulting hybrids, in addition to retaining the delightful violet perfume, produce the most beautiful pansy-like blossoms, 2 to 2½ inches across, of great substance and of an endless variety of colors. The solid or selfs are of remarkable purity, and include white, lemon, orange, claret, crimson, maroon, lavender, purple, silver gray, rose, black, blue, etc., etc. The fancy varieties are exquisitely tinted, striped, blotched, feathered, picotee-edged, etc. Their combinations and blendings of color are more chaste and harmonious than ordinary pansies and more varied than the rainbow.

The plants are of easy culture, of hardy, vigorous growth, forming deep rooting, compact tufted clumps. Planted in masses or lines, they form perfect mats covered with myriads of flowers. They are more perennial in character than pansies, throwing out new roots annually, adapting them, where situation and soil are congenial, to permanent beds, edgings, etc., where they begin to make our garden gay in spring almost when surrounded by snow, and continue to bloom with marvelous freedom until autumn. The flowers are borne on long stems which shoot up like the violet directly from the roots, rendering the flowers of special value for cutting purposes. They are not all equally fragrant, though the majority are as highly scented as the sweetest violet, and the other high merits of this new strain, aside from their perfume, destine them to wide popularity.

This season we shall only offer "**Sweet-scented Pansies**" in **Mixed Colors.** Price, per packet, 25 cts.

"Sweet Sixteen" Collection of Sweet Peas.

Price, for collection, $1.00.

See descriptions and colored plate, pages 58 and 59.

SIX GORGEOUS POPPIES.

Shown on colored plate, page 61.

These six poppies were selected at our trial grounds from over one hundred varieties and species as the most beautiful and distinct, and they certainly were gorgeous. The plants stand up strong and luxuriant, 2 to 2½ ft. high, each bearing from 6 to 12 enormous flowers, 3 to 4 inches across, full and double, with buds still to develop, thus keeping up a succession of bloom for several weeks. They are of the easiest possible culture; seeds sown in the open ground in May will produce blooming plants by July.

Rosy Morn. (*See No.* 24 *on colored plate.*) Exquisite rosy pink, shading to salmon pink and white at the centre. Pkt., 10 cts.

Lady in White. (*See No.* 25 *on colored plate.*) Large pure satiny white. Per packet, 10 cts.

Firebrand. (*See No.* 26 *on colored plate.*) Fiery bright orange scarlet. Per packet, 10 cts.

American Flag. (*See No.* 27 *on colored plate.*) A pure white ground, margined dark orange scarlet. Per packet, 15 cts.

El Dorado. (*See No.* 28 *on colored plate.*) Light yellow. Per packet, 15 cts.

Lavender Beauty. (*See No.* 29 *on colored plate.*) Rich, deep lavender, shading to silvery lavender. Per packet, 10 cts.

The collection, one pkt. of each, free by mail, for 50 cts.

NEW PETUNIAS,

"GIANTS OF CALIFORNIA."

See colored plate opposite.

A Californian strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the tremendous varieties of colors, markings, veinings, blotchings and stripings, in the most grotesque and beautiful combinations; some with charming deep throats of yellow, white, black, green or maroon, running off into intricate veins. Some of the colors are rich and gorgeous and others of lovely delicate shades.

Giant "Rainbow." (*See No.* 30 *on colored plate opposite.*) Deep throat of intense yellow with radiating veins and pencilings overlaying rich ground colors of various tints. Per packet, 25 cts.

Giant "Titania." (*See No.* 31 *on colored plate opposite.*) Royal violet purple, rich and velvety; broad white margin. Per packet, 25 cts.

Giant "Midnight." (*See No.* 32 *on colored plate opposite.*) The coloring of this variety is rich beyond description; dark claret crimson with a surface bloom like that of a purple plum. In the sunlight it looks like crumpled velvet. Immense flowers 4 to 5 inches across, with fringed edges and deep intricately veined throats. Per packet, 25 cts.

Giant "Harlequin." (*See No.* 33 *on colored plate opposite.*) A beautiful strain, the flowers of large size and of different colors and are all hieroglyphically blotched, spotted or striped with other colors in charming confusion. Per packet, 25 cts.

Giant "Ring of Emerald." (*See No.* 34 *on colored plate opposite.*) Rich blood crimson curiously edged with light green. Per packet, 25 cts.

Giant "Aurora." (*See No.* 35 *on colored plate opposite.*) The handsomest of all Petunias, a particularly lovely shade of rosy pink, with a distinct red band around the deep, exquisitely penciled white throat; the flowers are of immense size and perfect shape. Per packet, 25 cts.

Giant "Snowstorm." (*See No.* 36 *on colored plate opposite.*) Extra large flowers, 4 to 5 inches in diameter, of splendid substance; purest glistening white with ruffled or fringed edges; deep yellow throat. Per packet, 25 cts.

The collection, one pkt. each of the seven varieties, free by mail, for $1.50.

Giants of California. Mixed varieties, including many exquisite sorts, per packet, 25 cts.

GRAND COMBINATION OFFER of the Flowers shown on the four preceding colored plates, viz., one packet each of 16 Sweet Peas, 6 Nasturtiums, 1 Pansy, 6 Poppies and 7 Petunias—36 packets in all—free by mail, **FOR $3.00.**

NEW GIANT WHITE COMET ASTER.

NEW GIANT WHITE COMET ASTER.

It would seem as if the highest possible perfection had been attained in this truly grand variety; the flowers are of immense size, often six inches across, and composed of long, wavy petals gracefully arranged, relieving the flower from the usual stiffness and formality so characteristic of the Aster family. This new variety differs from the well-known Comets, not only on account of its large size but because the petals are longer and broader, giving an entirely different appearance; besides, the centre is formed of a great number of golden hair-like petals, giving it an indescribable beauty; these in a few days develop into regular petals and turn white. *(See cut.)*

Per packet, 25c.

Aster, Betteridge's Quilled "Sulphur Yellow."

Remarkably handsome variety of this free-blooming class. The flowers, being globular, quilled and very double, show the most clearly pronounced yellow ever known among Asters.

Per packet, 25c.

"Ball of Fire" Aster.

This is the most brilliant red Aster that we have ever seen; a plot of them in bloom in our trial grounds the past summer, although among plots of hundreds of others, would invariably arrest the attention of all visitors, on account of its rich, deep, glossy, blood-scarlet color; all other red Asters in comparison seemed of a magenta cast. The plants are of compact pyramidal habit, about 12 inches high; flowers, medium size, very double, and borne in remarkable abundance, with buds in all stages of development, insuring long succession of bloom. Per packet, 25c.

Pompon Crown Asters.

This beautiful new class grows very compactly, about 12 inches high, branching out freely, bearing great numbers of densely double flowers 2 to 2½ inches across. A bed of these is very attractive, and they are of scarcely less value as pot plants. Each flower has a distinct white centre encircled with some other color, as below. *(See cut.)*

Pink, white centre.....pkt. 15c.
Crimson, white centre..... " 15c.
Lavender Blue, white centre " 15c.
Dark Indigo, white centre...pkt. 15c.
Mixed Colors..... " 15c.
Collection of 4 named sorts.....50c.

Mignon Asters, New Colors.

These grand Asters are fully described on page 70; the undermentioned two colors are exquisite, first white, then changing in a day or two to lilac or rose.

"White, changing to Lilac".....per pkt., 25c.
"White, changing to Rose"..... " 25c.

New Coleus, "REGAL GIANT."

A most remarkable and beautiful Coleus, attaining the gigantic height of about **six feet,** of branching, pyramidal habit, with enormous leaves about ten inches long and of equal breadth; the colors and markings of the leaves are diversified and beautiful, being intensified by the peculiarity of the leaves having inflated or undulating spots like blisters on the edges, as if they were encircled with strings of pearls. It succeeds well when grown in large pots; if grown in the garden, the soil should have some leaf-mold mixed with it. Per packet, 35c.

Eschscholtzia, "CROSS OF MALTA."

(*MARITIMA.*)

Eschscholtzias are too popular and well-known garden annuals for us to dwell on their merits here; in this new variety the large flowers are of bright golden yellow with a broad dark orange cross, just the shape of the Cross of Malta; foliage silvery gray. Per packet, 20c.

POMPON CROWN ASTER.

Mammoth Perfection Cosmos.

The Glory of the Autumn Garden.

The flowers are double the size of the old large-flowering Cosmos, measuring 12 to 15 inches in circumference; the petals are broader and overlapping, forming a perfectly round flower deeply ribbed and of splendid substance. For cutting for bouquets and vases this is one of the finest flowers grown, lasting in water for two weeks; the long stems and feathery foliage lend themselves to graceful arrangements.

This new Mammoth strain of Cosmos is the glory of the autumn garden. The plants, 5 to 6 feet high, of symmetrical pyramidal form, are one mass of feathery, emerald-green foliage, studded with mammoth flowers of white, pink or crimson, enlivening the garden long after more tender flowers have succumbed to early frost. If grown in pots and housed by the end of September they will flower all winter.

Price, per packet, 25 cents.

NOTE.—On the packets will be printed a new method of growing Cosmos to produce early and continuous bloom.

New Giant Coreopsis, "Harvest Moon."

(*Coreopsis lanceolata grandiflora.*)

Certainly one of the finest and most popular hardy plants for garden decoration. The flowers of this new giant-flowered variety average 4 inches across, or nearly double the size of the old lanceolata, and are in every way superior to it, being of deeper yellow, with broader, overlapping, *fringed* petals. Every plant produces hundreds of flowers, blooming continually from June until September. The long, stiff, graceful stems render it of exceptional value to cut for vases and summer bouquets. It is of easiest culture, thriving under almost any condition.

Price, per packet, 25 cents.

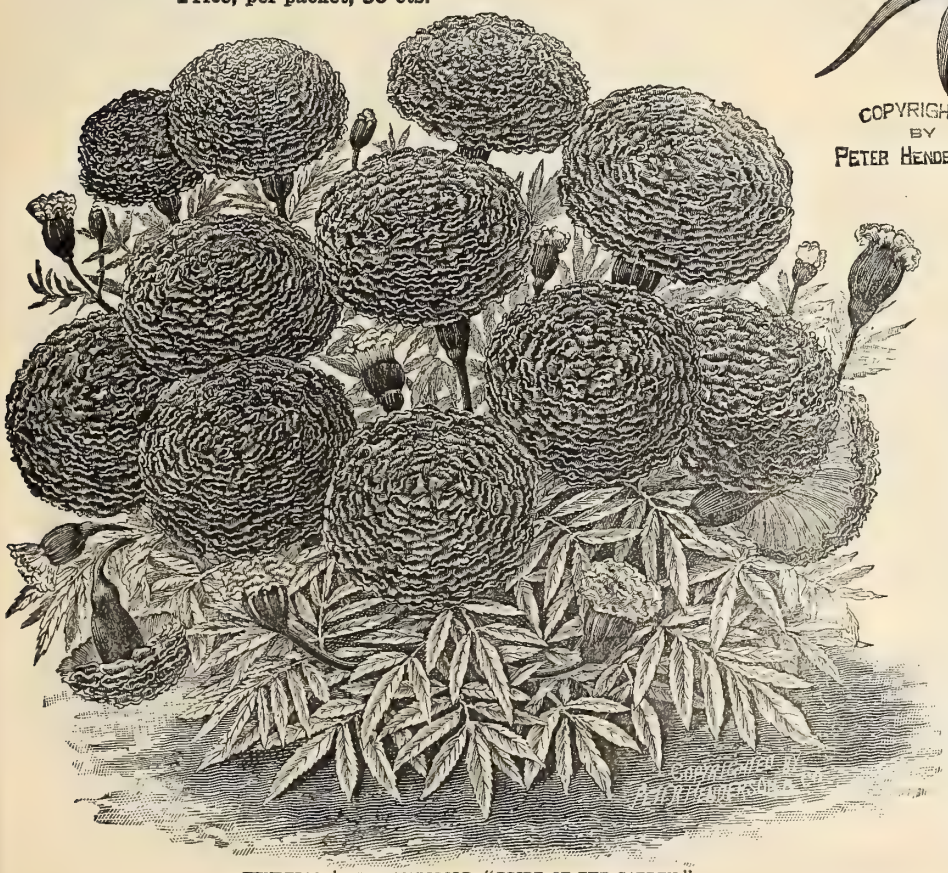
New Perpetual Flowering Carnation,

"Therese Franco."

A magnificent winter-flowering Carnation, for frames or house culture. Plant very robust and compact, and a profuse bloomer; the flowers are delightfully fragrant and exceedingly double, over two inches across and of a most unique and beautiful color—an exquisite soft rose flushed with salmon, with a satiny effect, as if frosted with white. The later flowers fill out as large as the first, and the calyx never bursts.

Price, per packet, 50 cts.

HENDERSON'S NEW MAMMOTH PERFECTION COSMOS.



HENDERSON'S NEW MARIGOLD, "PRIDE OF THE GARDEN."

NEW CARNATION,

"Marguerite Malmaison."

The Marguerite class of Carnations (*illustrated and described on page* 76) are exceedingly popular on account of their commencing to bloom in the summer from early spring-sown seed and the profusion of bloom which continues until frost. This variety, "Marguerite Malmaison," is the most beautiful and perfect Carnation that can be raised from seed; any further progress seems impossible; sixty per cent. of the plants will produce flowers that attain the enormous dimensions of the famous greenhouse variety (*see page* 133), often four inches across, the colors being the same—exquisite soft pink to dark pink.

Price, per packet, 35 cts.

Henderson's New Marigold,

"Pride of the Garden."

A grand Marigold. The immense flowers are densely double, 8 to 10 inches in circumference and quilled with the regularity and perfection of a dahlia. Color, rich, deep, golden yellow. A highly meritorious feature of this variety is the compact, dwarf habit of the plant, which forms dense bushes *only* 15 to 18 inches high by 2 feet across. This dwarf habit and even, compact growth, embellished with grand flowers borne in great numbers, causes the plant to resemble a mass of molten gold until frost, and, considering the ease of culture under even adverse conditions, should render this magnificent Marigold a favorite in every garden in the country.

Price, per packet, 25 cents.

THE "CORNUCOPIA" DATURA.

A magnificent variety, of striking beauty. The plant is of robust habit, about 3 feet high. The stems, of dark purplish maroon, shine as if varnished. The flowers average 8 inches long by 5 inches across the mouth, are formed of two to three flowers growing one within the other, the interiors being glistening French white, contrasting beautifully with the mottled royal purple exteriors. The flowers are delightfully fragrant. Seeds started early in the house will produce plants that will flower from early summer until frost. Often from 200 to 300 flowers are borne in a season. For specimens in the garden this novelty is extremely beautiful.

Per packet, 25 cents.

NEW GAILLARDIA, "JAMES KELWAY."

The most beautiful variety grown; immense flowers, often 5½ inches *across*, of dazzling crimson scarlet with narrow gold edge. It has secured several certificates from European horticultural societies. It is a hardy perennial variety, flowering abundantly until frost. A grand garden plant, 2 feet high by 2 feet through.

Per packet, 25 cents.

LARKSPUR, "AMERICAN BANNER."

A lovely new Larkspur growing 1½ to 2 feet high, branching out like a candelabra and bearing long spikes of large double flowers an inch or more across, of a charming blending of color—rosy crimson with stripes of indigo blue and white, some petals being dotted with blue—a veritable floral American flag. It is an annual, blooming within a few weeks from seed; splendid for cutting purposes, and a very showy garden plant.

Per packet, 15 cents.

A Beautiful Climber, "The Noonday Glory."

(*Ipomœa sinuata.*)

A lovely, graceful and rampant climber. The vines are slender but very tough and clothed with fine hairs. The leaves are deeply cleft and cut, resembling lacework, and are produced from the ground up, making a dense shade. It is a prolific bloomer; the flowers are open bell-shaped, borne in clusters; color, pure white with wine-red throats. They open at sunrise and close at sunset, and are followed by very ornamental seed capsules.

Although a tender perennial vine, yet it will bloom the first season from seed, and if started early in the house it will commence blooming early in the summer and will continue until killed by frost—in fact, it takes a pretty good freeze to stop it.

The seeds should be soaked in warm water until they swell before sowing; if convenient to keep the plants over winter in a frame or greenhouse they will improve with age.

Per packet, 15 cents.

Henderson's "Crown of Perfection" Garden Pinks.

(*Dianthus Heddewigi hybrida grandiflora fl. pl.*)

For many years China Pinks and their varieties have been favorites for garden flowers and have been improved from time to time by skillful hybridizing and selection, but in this grand new strain it would seem as if the "Crown of Perfection" had been attained. The flowers are immense, averaging 6 inches in circumference, are densely double, and are produced in perfect succession during the whole summer and autumn in such numbers as fairly to crowd each other for room. There is a wonderful diversity of colors, from purest satiny white to red shades so deep and intensely brilliant that the eye can scarcely penetrate their velvety depths; soft pinks and flesh tints more dainty than brush could lay; and a large proportion of flowers hieroglyphically marked with various hues, the delicate tints and deep tones mingling in exquisite contrast.

Not the least among the merits of Henderson's "Crown of Perfection" Pinks is their ease of culture. They succeed with everybody and everywhere. Seeds sown in the open ground in early spring will produce blooming plants by early summer, each plant forming a compact little bush about one foot high by a foot across; where bedded in quantities the effect is gorgeous in the highest degree.

Henderson's new "Crown of Perfection" Pinks in mixed colors, price, per packet.....15c.

New Garden Pink, "Midnight."

(*Dianthus Heddewigi fl. pl. Pourpre-noir.*)

A beautiful and very distinct annual Dianthus. The whole plant, stems, branches and flower buds, are black, and leaves dark green. The flowers are very double and wonderfully rich in coloring, almost black, the high lights glowing with a surface bloom of velvety claret maroon, exceedingly rich.

Per packet, 15 cents.

New Striped Alpine Forget-me-not.

(*Myosotis Alpestris striata.*)

A very unique variety. The flowers, instead of showing all one color, as in other varieties, are white, breaking into stripes or rays of blue.

Per packet, 25 cents.

HENDERSON'S "CROWN OF PERFECTION" GARDEN PINKS.

NEW HIBISCUS, "GIANT YELLOW."

The flowers attain an enormous size, averaging 7 to 9 inches across. Color, canary yellow with a garnet throat. Seed started early in the house and the plants removed to the garden when all danger from frost is over, will commence blooming in early summer and continue to produce flowers daily until frost. Well-developed plants bear from fifteen to twenty flowers at once, presenting a glorious appearance. The plants grow naturally about four feet high, but if the centre shoots are pinched out early in the season the plants will grow more compact and be much dwarfer and bloom more freely.

The Giant Yellow Hibiscus, although it blooms the first season from seed, is, strictly speaking, a perennial, and can be kept over winter in pots in the greenhouse if desired. In the Southern States it will live out. *(See cut.)*

Price, per packet, 15 cents.

NEW HIBISCUS, "CRIMSON EYE."

An elegant strain of Hibiscus, entirely distinct, always coming true from seed. It is a robust grower, with dark red stems and foliage. The flowers often measure 6 to 7 inches across. The color is a striking combination of purest white, with a large spot of deep velvety crimson in the centre of each flower. A well-developed plant will produce several hundred flowers in a season. It will succeed anywhere and is perfectly hardy, blooming the first year from seed in the open ground. *(See cut, page* 140.)

Price, per packet, 15 cents.

New Tom Thumb Nasturtium, "Prince Henry."

A most beautiful new variety producing large flowers 2 inches across, of cream color, marbled and spotted with bright crimson scarlet and frequently tipped with wine-red. The contrasting colors are remarkably effective. The oval, bushy plants, about 1 foot high, are literally covered with flowers, forming gorgeous mounds of color from early summer until killed by frost. Unsurpassed for garden decoration, succeeding everywhere. *(See cut.)*

Price, per packet, 25 cents.

TOM THUMB NASTURTIUM, "PRINCE HENRY."

Tom Thumb Silene, "Amelia."

An exceedingly effective garden annual, forming regular, compact, round bushes, four to six inches high, which, during the early summer months, are covered densely with delicate rose-colored flowers in such numbers that the plant and foliage can scarcely be seen. For low beds, borders or edgings it is very pretty.

Price, per packet, 25 cents.

Scabiosa, "Fiery Scarlet."

A most valuable acquisition to the favorite "Sweet Scabious" family. Color, intense fiery scarlet of unequaled brilliancy, a color never before known among Scabiosas.

Price, per packet, 25 cents.

Two New Sweet Peas.

BRONZE KING. Standards distinct coppery bronze, wings pure white. Per packet, 15 cents.

PRINCESS MAY (Laxton's). Large, well-expanded flowers of a very beautiful delicate shade of pale heliotrope or lavender. Per packet, 35 cents. *Several other comparatively new Sweet Peas of Eckford's are offered on page* 88.

"THOUSAND-FLOWERED" SUNFLOWER.

Planted singly in good soil this new Sunflower attains enormous size, often 12 to 15 feet high, and from base to summit bears hundreds of branches bearing a multitude of medium-sized golden yellow flowers, with small black centres. As specimens on lawns or in the garden it is very effective, a veritable pillar of gold.

Price, per packet, 25 cents.

"PRINCESS MAY" TEN WEEKS STOCK.

This belongs to one of the finest types of Ten Weeks Stocks, viz., the "Large-flowering Pyramidal" section. "Princess May" produces fine trusses of very large double flowers of the most excellent shape and of the purest and most exquisite yellow. The individual flowers when fully expanded have attained the extraordinary size of two inches across or six inches in circumference.

"Princess May" is extremely early flowering, in fact the first Ten Weeks Stock to bloom, and from this characteristic alone will prove exceedingly popular both in private gardens and as a market pot plant.

Price, per packet, 25 cents.

"PRINCESS MAY" TEN WEEKS STOCK.

AFRICAN VIOLET.

(*Saintpaulia ionantha.*) A new genus recently discovered in Central Africa. It is only suitable for pot culture in the greenhouse or warm window; the plants are very dwarf and spreading and produce very freely and continuously flowers 2¼ inches across, violet-like both in shape and color. They are gracefully borne on stems 2 to 3 inches high; the seed is very fine; the plants commence to bloom when very small. **Price, per pkt., 50c.**

HENDERSON'S "CURLED AND CRESTED" ZINNIAS.

These unique and charming Zinnias originated in our trial grounds five years ago, and by persevering selection and careful culture we have worked up this strain, which eclipses in beauty, beyond all question, any other type of this popular garden annual in existence. The flowers of **Curled and Crested Zinnias** are of perfect form—large, round, full and double; the petals, being twisted, curled and crested into the most fantastic contortions and graceful forms, rendering them entirely free from the stiffness which was heretofore the characteristic of this family. Nature, it seems, was not satisfied with producing something new, odd and superb in form, but tried to outdo herself on this, her new protégé, for not the least among the merits of **Curled and Crested Zinnias** is the remarkable range of colors, lavish profusion of bloom and compact, symmetrical habit of the plants. In going through our field of these Zinnias we noted, in reds, the following shades: scarlet, crimson, orange and blood-purple; in pink: flesh, chamois, apple blossom and deep rose; in yellows: cream, canary, buttercup, deep yellow, old gold and russet; then we had many intermediate shades and some exquisitely striped flowers and grand whites.

The individual plants form compact bushes about 2 feet high by 2 feet through, and bear, well above the foliage, 150 to 300 flowers each, by actual count. It can be readily imagined what a glorious effect our field of them made—so exceedingly odd and beautiful that the attention of the most casual observer was aroused to the curiosity point. They certainly did not look like Zinnias, nor like Marigolds, nor like anything that our visitors or ourselves ever saw before. We have many times been amused by the guesses advanced, and do not think we exaggerate when we state that we answered the question "What are they?" at least a thousand times.

The ease of culture, indifference to special soils or treatment, their early, prolific and long-continued bloom, excellent habit, magnificent flowers and exquisite colors will render **Curled and Crested Zinnias** a popular garden favorite wherever tried.

Price, 15c. per packet.

NOTE.—It is well known that the first or early flowers of double Zinnias do not always come perfect. The "Curled and Crested" strain is no exception to the rule, but they will come 90 per cent. true, so do not rogue out too early, but wait for the character flowers.

"HARLEQUIN" SWEET WILLIAM.

The Sweet William—one of the most admired of our garden flowers—has been a favorite for many years, on account of its hardy, vigorous growth, and rich profusion of bloom and extremely easy culture. The march of progress in horticulture has not left the Sweet William behind, as was apparent to all who saw our half acre of **"New Harlequin"** in full wealth of bloom the past summer. As a mass they were extremely effective, and the plants individually are especially attractive, bearing numerous large heads of flowers, from 4 to 5 inches across, each head being composed of different colored florets, such as dark crimson, white, pink, flesh, striped, etc., etc.; these colors, banking against each other in charming confusion, produce a very bizarre effect, and bring out a richness and vividness of coloring by the sharp contrasts that we have never before seen equaled. (*See cut.*) Price, per packet, 15 cts.

NEW SALVIA, "BONFIRE."

(*Salvia splendens nana compacta erecta.*)

This variety, without question, is the finest Salvia for bedding yet introduced. The plants grow into very compact oval bushes, about 2½ feet high, and produce long spikes of brilliant scarlet flowers. The spikes stand out stiff and erect; over 200 spikes to a plant is not unusual, and the spikes bear from 20 to 30 flowers each. The ordinary Salvia splendens is of straggly growth, and the flower spikes bend over and do not produce one-third of the bloom that this new variety does. Gorgeous effects can be produced with the Bonfire Salvia massed on the lawn or in the garden, or planted in rows along a sunny drive, where the brilliant scarlet is simply dazzling. Price, per packet, 25 cts.

THE ZANZIBAR CASTOR OIL PLANT.

(*Ricinus Zanzibarensis.*)

Entirely new and distinct. Their gigantic leaves, 2 to 2½ feet across, and the great size of the plants surpass any other known Ricinus. Their luxuriant, tropical appearance when planted singly or in masses is matchless. We offer four varieties in mixture: one will produce light green leaves with whitish ribs; another, coppery brown leaves, changing to dark green with red ribs—stems brown; another, brownish purple leaves, changing to dark green with reddish stems; another with bronze leaves, with reddish ribs and glaucous brown stems. Price, the four varieties just described, in mixture, 25 cts. per packet.

SCABIOSA, "TINY TIM."

One of the cutest little flowers in our trial grounds the past summer. The plants grow only 4 inches high; each plant produces 20 to 25 flower spikes, each surmounted with a good, large flower, of deep violet, only 8 to 9 inches above the ground. Price, per packet, 15 cts.

GENERAL LIST OF FLOWER SEEDS

A LIST OF FLOWER SEEDS,
STANDARD VARIETIES,
too well known to require extended description,
is given on pages 90 to 97.

SWEET ALYSSUM.

These flower profusely throughout the season—thriving in flower garden, window boxes, vases, etc.; also well adapted for ribbon lines and edgings; annual.

Sweet Alyssum. White, 1 foot.....*Pkt.* 5
Tom Thumb Sweet Alyssum. This is one of the finest plants for edgings and low beds, flowering in unparalleled profusion for months. ½ foot..... 5

HARDY ALYSSUM.

Dwarf hardy little spreading plants, about a foot high; very showy for permanent borders and beds.

Wiersbecki. Summer blooming; yellow .....*Pkt.* 5
Saxatile Compacta. Spring blooming; dwarf, golden yellow. ¾ foot..... 5

AMARANTHUS.

Ornamental foliage and flowering annuals of striking effect; they are of rapid growth, easy culture and very showy, with flower spikes or richly colored foliage. For semi-tropical gardening they are unique and effective.

Bicolor Ruber. Foliage green and dark red, tipped with yellow, 3 to 5 ft.....*Pkt.* 5
Caudatus. (*Love-lies-bleeding.*) Long, dark red drooping flower spikes..... 5
Firebrand. (*A. Superbus.*) Attains a height of six feet and a breadth of four to five feet; well furnished with large, gorgeously colored leaves of a blood-red color, bordered with bright yellow..... 15
Henderi. Beautiful drooping foliage of rosy carmine, orange, buff, golden yellow and olive green. 2 ft..... 5
Melancholicus Ruber. Red foliage. 2 ft..... 5
Nobilis Pyramidalis. Crowned by an enormous flower spike, with numerous branching side spikes. It grows about 12 feet in circumference, gracefully tapering to a point. Height, 5 feet..... 10
Salicifolius. (*Fountain Plant.*) Gracefully drooping, willow shaped leaves, brilliantly banded and tipped with orange, carmine and bronze..... 5
Tricolor. (*Joseph's Coat.*) Leaves red, yellow and green. 3 ft..... 5

ANTIRRHINUM.

(*Snapdragon.*)

For summer flower beds and borders these half-hardy perennials are very showy, and flower from seed the first season. They grow 2 to 3 feet high, and are masses of flowers. (*See cut.*)

Tall Mixed Colors.....*Pkt.* 5
Choice Striped Varieties, Mixed..... 10
Tom Thumb Varieties, Mixed. Growing only 1 foot high. (*See cut.*)..... 10
Imported collection of Dwarf Antirrhinum in six separate sorts, 30 cents.

AQUILEGIA. (Columbines.)

Very handsome, ornamental hardy plants, growing 1 to 3 feet high; of easy cultivation and bearing in profusion large flowers of novel shape and in great variety of color. The stems rise about two feet high and carry from 50 to 80 blossoms.

Double White.....*Pkt.* 5 **Double Striped.** Red and white...*Pkt.* 5
Rose-Colored. Charming rose-colored..... 10
Golden Spurred. (*Chrysantha.*) Beautiful long yellow spurred flowers..... 10
White Spurred. (*Chrysantha alba.*) Pure snow-white, with long spurs..... 15
Grigor's Hybrid Glandulosa. Immense flowers of richest ultramarine blue, surmounted by five short petals of purest white with delicate azure blue spots. 25
Single Mixed..... 5 **Double Mixed**..... 5

For a Complete List of Flower Seeds, see pages 90 to 97.

AGERATUM.

Annuals, bearing in profusion clusters of feathery flowers; suitable for pot culture in winter or bedding out in summer; flowering continually and profusely; 2 feet high.

Blue..*Pkt.* 5 **White**.....5 **Lasseauxi.** Rose..... 5

TOM THUMB AGERATUM.

Splendid very dwarf varieties for edgings and ribbon lines; covered with large trusses of flowers until frost. Height, ¾ ft.

Tom Thumb. Blue.....*Pkt.* 5
— — **White**..... 5
— — **Rose.** A beautiful variety..... 10
— — **Yellow.** Delicate chamois yellow..... 25
Little Dorrit. Compact oval bushes, 6 inches high and a foot through; a mass of blue flowers 10

TOM THUMB ANTIRRHINUM.

ASTERS.

PERFECTION ASTER.

Dwarf Chrysanthemum Flowered.

Grow 9 inches high. Surpass all the dwarf varieties in size of flowers. They are full and double and produced in clusters of 20 to 30 on a plant. Several new shades are offered this season, all of which are exquisite. (*See cut.*)

Finest Mixed.....*Pkt.* 10

Solid Colors.

Crimson..... 10
Indigo Blue..... 10
Fiery Scarlet..... 10
Snow White..... 10
Flesh Pink..... 10
Brilliant Rose..... 10
Orange Rose..... 10
Dark Lavender..... 10

Two Colored.

Orange Rose, white centre, 25
Deep Carmine, edged white.....*Pkt.* 10
Porcelain, shading to white centre..... 10
Rosy Pink, shading to white centre..... 10
Bright Blue, shading to white centre..... 10
White, turning to rose..... 10

VICTORIA ASTER.

PERFECTION ASTERS.

(*Truffaut's Improved Pœony Flowered.*)

A favorite class; thrifty, upright growers; flowers large (4 inches across) and almost perfectly round, with incurved petals; height, 18 inches to 2 ft. (*See cut.*)

Perfection, Finest Mixed. Contains many exquisite colors.....*Pkt.* 10

Solid Colors.

White..... 10
Purple, indigo purple..... 10
Crimson, dark and glowing..... 10
Brilliant Rose, splendid color..... 10
Azure Blue..... 10
Carmine..... 10

Striped Varieties.

Light Carmine, edged white..... 10
Dark Scarlet, edged white..... 10
Dark Rose, edged white..... 10
Azure Blue, edged white..... 10
Dark Indigo, edged white..... 10
Reddish Lavender, tipped white..... 10

Washington Asters.

Splendid class of upright pyramidal habit, 1½ ft. high, extra large very double flowers borne freely.

Mixed Colors.....*Pkt.* 10

DWARF CHRYSANTHEMUM FLOWERED ASTER.

VICTORIA ASTERS.

Probably the handsomest varieties, taken all in all, for size, color and profusion of bloom. The colors include many extremely delicate and some gorgeous shades; flowers very double and 4 inches across; from 20 to 40 on a plant; height, 15 to 18 inches. (*See cut.*)

Victoria, Finest Mixed. Contains many lovely colors.....*Pkt.* 10

Solid Colors.

White, pure..... 10
Scarlet, dark and rich..... 10
Purple..... 10
Sky Blue..... 10
Crimson..... 10
Peach Blossom Pink..... 10

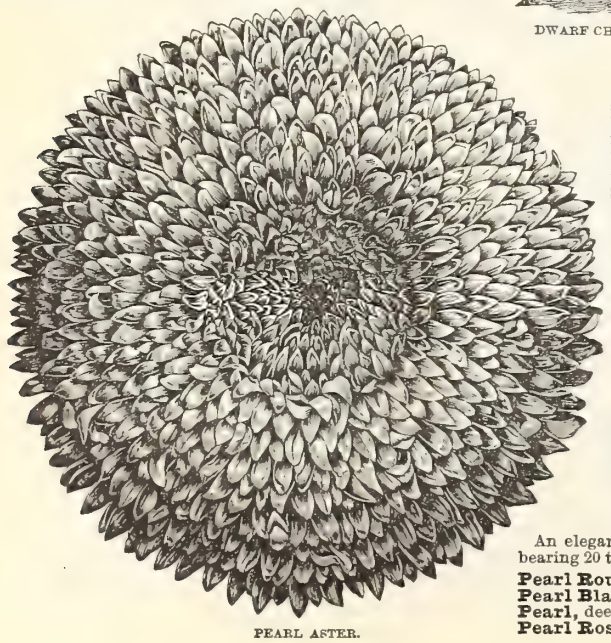
Striped Varieties.

Indigo Blue, edged white..... 10
Copper-red, tipped white..... 10
Heliotrope, edged white..... 10
Crimson, edged white..... 10
Light Blue, edged white..... 10
White Tinted Rose..... 10

Giant Emperor Asters.

This variety produces the largest flowers of any, but at the expense of quantity; flowers measure 6 inches and over in diameter, and are perfectly double; height, 18 inches.

Mixed Colors.....*Pkt.* 15



PEARL ASTER.

Mignon Asters.

A fine new class. The plants are semi-dwarf and bear 40 to 50 beautifully shaped very double flowers with deeply imbricated petals, borne with an indescribable grace.

Snow White.....*Pkt.* 15
Peach Blossom Pink.... 15
Bright Blue..... 15
Carmine Red..... 15
Mignon, mixed colors..... 15

Ball-shaped or "Jewel" Asters. A magnificent new class. The flowers are perfectly round or ball-shaped, densely double, nine inches in circumference, the petals being short and incurved. Plants two feet high, of sturdy habit. (*See cut.*)

Crimson.....*Pkt.* 15
Apple Blossom, salmon.. 15
Purple Violet..... 15
Carmine Rose, stp.white.. 15

Pearl Asters.

An elegant class, 12 to 14 inches high, of pyramidal form, bearing 20 to 25 large and beautiful very double flowers. (*See cut.*)

Pearl Rouge, orange crimson.....*Pkt.* 15
Pearl Blanche, pure white 15
Pearl, deep rose centre, shading to blush and white at tips, 15
Pearl Rose Crown, carmine rose, with centre of white... 15

BALL-SHAPED OR "JEWEL" ASTER.

TRIUMPH ASTER.

Triumph Asters.

The most beautiful and perfect of all dwarf Asters. Each plant forms an elegant bouquet 7 to 8 inches high, of at least 30 to 40 flowers. The flowers measure from 2½ to 3 inches across, of faultless form and exquisite beauty. (*See cut.*)

Scarlet Triumph. Rich blood scarlet.... 15

Scarlet Triumph, Edge White. Brilliant crimson; each petal edged white..... 15

Comet Asters.

These very beautiful Asters have long, wavy and twisted petals formed into a loose yet dense half-globe, resembling the Japanese Chrysanthemums; flowers 3½ to 4½ inches across. (*See cut.*)

Solid Colors.

White .....*Pkt.* 15
Light Blue..... 15
Carmine..... 15
Pink..... 15
Mixed Colors..... 10

Striped Varieties.

Rose, edged white.....*Pkt.* 15
Indigo, " " 15
Lavender, " " 15
Bright Blue, edged white, 15

MINIATURE BOUQUET ASTER.

Empress Asters.

A magnificent class, dwarf, robust and compact in habit, scarcely attaining a height of 12 inches. It branches very freely, producing remarkably beautiful flowers on stout stems and in great abundance. The individual flowers are of enormous size, perfectly double and of great fullness, the petals being broad and of massive substance, which enables the flowers to withstand wet weather and last longer in perfection than any other variety.

Crimson.....*Pkt.* 25
White..... 25
Bright Blue..... 25
Mixed Colors..... 25

COMET ASTER.

Various Asters.

Miniature Bouquet. Grows 4 to 6 inches high. The little round plants are fairly hidden with very double button-like flowers. (*See cut.*) Mixed colors.....*Pkt.* 10

Dwarf Pyramidal Bouquet. Pretty class; very profuse bloomers, producing 20 to 50 heads of bloom; many beautifully tipped; grows 1 foot high. Mixed colors..... 10

Crown or Cocardeau. The centre of each flower is white, surrounded by a broad margin of color, such as crimson, rose, violet, etc.; flowers large and freely produced; height, 18 inches to 2 feet. Mixed colors..... 10

Various Asters.

"Queen of the Earlies." The earliest of all by nearly three weeks. Plants are dwarf and very branching, blooming very freely; the pure white, very double flowers are borne on very long stems, rendering them of exceptional value for cutting purposes.....*Pkt.* 15

Dahlia-flowered "Snowball." (*White Princess.*) Entirely distinct. A plant produces about 30 pure white, faultlessly formed, semi-spherical flowers, composed of short, thickly set, imbricated petals, giving the flower the charming appearance of a Lilliput Dahlia... 15

"Zulu King." The plant is of pyramidal growth and bears, on long dark stems, an abundance of medium-sized flowers, of faultless, globular shape, and of a peculiarly rich black purple color of great intensity, an entirely new color 15

Harlequin, Mixed Colors. Oddly spotted and striped double flowers of various colors. Dwarf in habit..... 10

China, Mixed Colors. A tall, double flowering class, very largely sold, but by no means equal to the improved varieties 5

Needle and Quilled Asters.

Victoria Needle. Flowers very double and large; petals twisted as round as knitting-needles, giving a very unique and charming effect. The plants grow about 18 inches high, and very branching and floriferous.

Scarlet Needle, 15c. **Mixed Colors**..... 10

Globe Quilled. White, with a Blood-red Centre. One of the finest quilled Asters. Flowers, 3 to 4 inches across, of globular form, color pure white with a centre of blood-red. The plants grow about two feet high..... 10

Betteridge's Quilled, Mixed Colors. Flowers composed of tube or quill-shaped petals. This is an improved strain, with large double flowers and of beautiful colors; 2 feet high. (*See cut.*)..... 5

VICTORIA NEEDLE ASTER.

Collections of Asters

As Imported.

Perfection. In 6 separate colors, 40c.; in 12 separate colors 75
Victoria. In 6 separate colors, 50c.; in 12 separate colors. . 85
Dwarf Chrysanthemum Fl'd.
In 6 separate colors..... 40
In 12 separate colors..... 75
Betteridge's Quilled.
In 6 separate colors..... 30
In 12 separate colors..... 50
Miniature Bouquet.
In 10 separate colors 75
Crown, or Cocardeau.
In 6 separate colors..... 40
Diamond.
In 10 separate colors.....60
Dwarf Pyramidal.
In 6 separate colors..... 30
Goliath. In 6 separate colors, 40
Comet.
In 6 separate colors..... 40

BETTERIDGE'S QUILLED ASTER.

GRAND NEW BALSAM, LA MALMAISON.

BALSAMS (Double).

(Lady's Slipper—Touch-me-nots.)

Among the showiest and most popular of summer garden annuals, forming bushy plants profusely covered with large double flowers of brilliant colors throughout the summer and autumn; height, 1½ to 2 feet. *(See cut.)*

Crimson, Spotted White.....*Pkt.* 10
White, Striped Red and Purple..... 10
Solferino. White, spotted lilac and scarlet..... 10
Pink..... 10 **White**..... 10
Scarlet..... 10 **Lavender**..... 10
White Perfection. The finest pure white grown; flowers unusually large and double..... 15
La Malmaison. Magnificent, large double blush pink flowers, the exact fac simile in color of the famous Malmaison rose and with a satiny sheen in the sunlight as if sprinkled with diamond dust. *(See cut.)*..... 15
Bloodstone. The grandest scarlet balsam we ever saw; rich dark blood-scarlet, large, double and full..... 15
Speckled Beauty. A charming variety; big double flowers of snow-white, speckled with minute drops of fire-red..... 15
Brimstone. Large double flowers of sulphur yellow..... 15
Extra Choice Double Mixed..... 10
Double Mixed..... 5

Collection of 8 Superb Double Varieties, 60 cts.

BEGONIA.

Magnificent flowering plants for pot culture. The "tuberous rooted" varieties are becoming deservedly popular for garden bedding, flowering in the greatest profusion all summer. The individual florets will average from 6 to 9 inches in circumference, and are of all colors. 1 foot.

Tuberous Rooted, Single, Mixed.....*Pkt.* 15
Tuberous Rooted, Double, Mixed..... 25
Tuberous Rooted, Striped, Mixed Colors..... 50
Rex. Large, ornamental leaves of dark green, bronze, gold, red, etc..... 25
Scharffiana. New species with large thick leaves resembling emerald green velvet on the surface and deep purplish red underneath; flowers, large, pure white..... 25
Vernon. A grand variety. The color of the flowers is a waxy blood-scarlet, and being borne in immense quantities make an exceedingly brilliant effect. The foliage is also remarkable; it is at first green, but when the plants are about two months old the leaves begin to turn red on the margins and gradually the whole leaf and stem are suffused.

Seed sown in spring will produce blooming plants early in the summer, which will continue in unparalleled profusion until killed by frost, and is of scarcely less value for growing in pots for winter blooming..... 15

BELLIS.

(Double Daisy.)

Well-known favorites; admirably adapted for edgings, borders and low beds, and also well suited for growing in pots; although perennials, they will flower the same season if the seed is sown early in the house, though it is preferable to sow it in the fall and winter the plants over in cold frames. ½ ft.

Double White.....*Pkt.* 10 **Longfellow.** Large double pink.....*Pkt.* 10
Giant Snowball. Unusually large, very double, pure white flowers..... 15
Giant Red. The largest flowering of all; the flowers are densely double and as large as a silver dollar, of glowing red shaded rose..... 25
Rose Crown. Double flowers, each having a rose-colored centre or crown, surrounded by some other color..... 15
Double Mixed. All colors..... 10
Double Quilled, Mixed. The petals are as round as knitting-needles..... 15

CALLIOPSIS.

(Coreopsis.)

These beautiful *"Bright Eyes"* are showy summer bedding annuals, with large, bright flowers borne in great profusion all summer long, and succeeding almost everywhere. They are elegant for garden decoration and fine for cutting. 2 feet. *(See cut.)*

Double Calliopsis. *(Calliopsis tinctoria fl. pl.)* The flowers double, of rich golden yellow, with wine maroon spots.....*Pkt.* 10
Golden Wave. *(Drummondi.)* Plant very bushy and compact, and covered with hundreds of beautiful golden blossoms, 2 inches across, with small dark centres. 5
Coronata. Showy variety. Flowers large, rich yellow, slightly spotted with red..... 5
Dark Crimson..... 5
Yellow and Purple Brown..... 5
Finest Mixed..... 5

Imported collection of 10 separate sorts, 50 cts.

Tom Thumb Calliopsis.

(Nana Compacta.)

Splendid showy class. Round, compact, bushy plants, 1 foot high by 1 foot across, and a perfect mass of bloom from early summer until cut down by frost; extra fine for bedding.

Tom Thumb Bicolor. Golden yellow, garnet eye. *Pkt.* 10
Tom Thumb Atrosanguinea. Blood-red..... 10
Tom Thumb, Mixed. A beautiful strain; plants dwarf and compact; 1 foot high..... 10

COREOPSIS.

Lanceolata. One of the most showy hardy perennials grown, forming plants 2 to 3 feet high, and bearing in profusion for a long period during the summer and autumn large flowers of bright golden yellow. Unequaled for cutting; grows anywhere.....*Pkt.* 10

CALCEOLARIA.

Gorgeous plants for greenhouse and window decoration; the large, pocket-shaped flowers are borne in the greatest profusion through spring and summer; colors, yellow, maroon, crimson, etc.; spotted and blotched in the most unique fashion. 1½ feet.

Large Flowering, Spotted Varieties, Mixed.....*Pkt.* 35
Large Flowering, Self-colored, Mixed. Flowers not spotted or marked..... 25
Vesuvius. Deep blood-scarlet; the blossoms are of large size and perfectly formed..... 50
Rugosa, or Bedding Varieties, Mixed..... 35

TOM THUMB CALLIOPSIS.

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

CALENDULA.

(*Pot Marigold.*)

Remarkably profuse, dwarf, bushy annuals, blooming continuously and abundantly until frost, of easy culture; indispensable for summer garden or for pot culture in the winter. 1 foot.

Double Sulphur. Light lemon-yellow colored large-flowering.....*Pkt.* 15
Queen of Trianon. This comparatively new variety is of distinct beauty. Very double flowers of bright canary yellow, with a maroon centre.....10
Pluvialis. (*Cape Marigold.*) Large, pure white single flowers..... 5
Pongei fl. pl. Double white..... 5
Meteor. Large double yellow flowers, striped with orange..... 5
Prince of Orange. Similar to "Meteor," but much darker..... 5
Ranunculoides fl. pl. Double orange..... 5
Pure Gold. A magnificent variety of pure golden yellow; large double flowers, borne profusely until frost. (*See cut.*).....10

CALENDULA, "PURE GOLD."

CAMPANULA.

(*Bell Flowers.*)

Well-known hardy favorites, bearing large bell and saucer-shaped flowers in profusion; well adapted for borders and for pot culture.

Pyramidalis, Mixed. A grand sort, known as the "Pyramidal Bell Flower." Colors blue or white. Plants grow about 4 feet high of elegant pyramidal form, bearing thousands of exquisite bell-shaped flowers. It is a grand sort for pot culture, flowering in the greenhouse in winter.....*Pkt.* 5
Rotundifolia, Mixed. "Blue Bell or Hair Bell." Little dwarf plants 6 to 12 inches high, bearing pretty bell shaped flowers of blue or white.....10
Punctata. Large, pendulous, bell-shaped flowers, produced the entire season. Color, white, dotted and striped with red. 1½ ft. high.....10

CANTERBURY BELLS.

Very ornamental garden plants of the easiest culture; hardy biennial. 2½ feet high, producing large, nodding and charming bell-shaped flowers of many exquisite shades. (*See cut.*)

Single Striped. Blue, striped white.....*Pkt.* 5
Single Mixed. Rose, blue, white, etc..... 5
Double Mixed. Rose, blue, white, etc..... 5
Imported collection of 6 separate varieties, 25 cts.

"Cup and Saucer" Canterbury Bells.

One of the most beautiful plants when in bloom that can be imagined. The bells, of beautiful colors, average 3 inches in length, and the saucers 3 to 4 inches across, resembling in shape somewhat a cup and saucer. The plants, of stocky habit, form perfect pyramids of bloom about 24 inches high, and they bear frequently from 100 to 200 of these exquisite blossoms, which last in perfection for weeks during the early summer.

Cup and Saucer Canterbury Bells, Mixed. (*C. Calycanthema.*).....*Pkt.* 5
—— —— **Rosea.** Beautiful rose color.....10
—— —— **New Striped.** Satiny lavender, spotted and striped with violet.....10

CANTERBURY BELLS.

NEW LARGE FLOWERING ROSE CANDYTUFT.

"CANARY BIRD" VINE.

A rapid growing summer climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings.....*Pkt.* 5

CANDYTUFT.

Dwarf annuals, flowering profusely throughout the whole season; great favorites for beds, edgings, pots and borders; the plants are very fairly covered with blossoms, and of the easiest culture; 12 inches high.

New Large Flowering Rose. A magnificient Candytuft, bearing immense umbels of exquisite rosy flesh-colored flowers so abundantly as to hide the plant. (*See cut.*).....*Pkt.* 10
Empress. A beautiful, pure white variety, bearing candelabra-shaped branches, each producing a large truss of flowers, presenting a perfect pyramid of bloom throughout the summer..... 10

Carmine.....*Pkt.* 5 **Purple**.....*Pkt.* 5
White Rocket..... 5 **Crimson**..... 5
White..... 5 **White Fragrant**..... 5
Mixed Colors..... 5

Tom Thumb Candytuft.

Bushy little plants only 4 to 6 inches high; splendid for edgings.

Tom Thumb, White.....*Pkt.* 10
—— —— **Purple**..... 10
—— —— **Rose**..... 10
—— —— **Mixed Colors**..... 10

CANDYTUFT, HARDY.

Handsome, compact-growing hardy perennial plants, admirably adapted for permanent front rows of borders or for low clumps or beds; very valuable for early decoration.

Sempervirens. White. 1 ft.....*Pkt.* 10
Gibraltica. Showy, large-growing, red, rose and white. 1 to 2 ft..... 10

CENTROSEMA.

(*The Butterfly Pea.*)

Grandiflora. A hardy perennial vine of exquisite beauty. The plants grow 7 to 8 feet in a season, and the first season from seed will produce graceful clusters of 6 to 8 inverted pea-shaped flowers, 1½ to 2½ inches across, ranging in color from rosy violet to reddish purple, feathered with white through the centre; the backs of the flowers are pure white, and also the buds, making a strikingly beautiful contrast.....*Pkt.* 15

COSMOS.

The plants grow 4 to 6 ft. high and are literally covered in the autumn with large single-dahlia-like flowers, ranging through shades of rose, purple, white, etc.; splendid for cutting purposes. Feathery foliage, annual.

Large Flowering Crimson.....*Pkt.* 10 **Large Flowering Pink**.....*Pkt.* 10
—— —— **White Pearl.** Beautiful snow-white.... 10 —— —— **Mixed Colors**..... 10

COLEUS.

Plants with richly colored foliage of maroon, green, crimson, yellow, etc. For groups on lawns and ribboning they are indispensable, and also valuable for pot culture. Although perennials they attain perfection from seed the first season. 1 to 3 ft.

Fine Hybrids, mixed.....*Pkt.* 15
Fringed Coleus. Unusually thrifty growers, producing extremely large leaves, the edges of which are deeply cut, laciniated and fringed, giving a very unique and graceful effect. The colors, too, are especially fine, embracing combinations of markings entirely new..... 35
Imported collection of 6 large-leaved varieties (25 seeds of each), 50 cts.

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

LARGE FLOWERING FRENCH CANNAS.

CANNAS.

We were awarded the highest premium for Madame Crozy at the World's Columbian Exposition, Chicago, 1893.

Dwarf Large Flowered French. In this new class of Cannas we have something of pronounced merit for bedding—either in rows or large clumps—and for winter flowering in pots they are of scarcely less value. The foliage is luxuriant and the plants dwarf in habit. Their great merit, however, lies in the large size and brilliant hues of the flowers, ranging through all shades of yellow and orange to the richest crimson, scarlet and vermilion; some are also beautifully spotted. Seed sown in a hot-bed or greenhouse from January to April will produce flowering plants in July. (*See cut.*) **Mixed Varieties,** 10

Madame Crozy. Brilliant vermilion scarlet, *bordered with deep golden yellow;* the flowers are borne in great clusters and in such profusion that they crown the plant with a blaze of glowing color. The habit of the plant is compact and vigorous, its natural height being rarely more than four feet, but the flowers form when it is scarcely a foot high, and continue coming on the plants until frost..... 25

Collection of Seed of 6 separate Dwarf French Cannas, 50 cts.

Marechal Vaillant. Flowers orange, foliage bronze, 4 to 6 ft.... 5

Zebrina. Flowers scarlet, foliage striped..... 5

Mixed (Old Types). Many varieties..... 5

Imported collection of seed of 6 separate Cannas (Old Types), 25 cts.

CELOSIA OR COCKSCOMB.

Very popular annuals of the easiest culture, producing large ornamental, comb-like heads; not only are they highly prized for summer flower beds, but they make fine pot plants.

Queen of the Dwarfs. This is the finest Cockscomb we ever saw. It grows only 8 in. high. The combs are from seven to ten inches across, of perfect form and of brilliant dark scarlet. (*See cut.*).....*Pkt.* 10

Variegata. Large gold and crimson striped combs. 2 ft..... 5

Japonica. A branching pyramidal plant, each branch bearing a comb of rich crimson color and finely ruffled..... 5

New Golden Japan. In habit this is the same as the crimson variety; of bright golden yellow..... 5

Glasgow Prize. Very dwarf; immense crimson combs. 1 ft.....10

Golden Beauty. Golden yellow combs; plant only 1 ft..... 5

Dwarf Mixed. Many colors. 1 ft..... 5

Imported collection of 6 dwarf varieties, 30 cts.

CELOSIA PLUMOSA.

(*Feathered Cockscomb.*)

Handsome pyramidal branching plants, 2 to 3 ft. high, producing at the summit of each branch long feathery plumes of very graceful effect.

Triomphe d'Exposition. This is the most beautiful of the plumed Cockscombs, forming symmetrical plants about 3 feet high, bearing large feathery crimson plumes; it is of vigorous growth, coming rapidly to perfection, and grand for beds and very effective for pots.....*Pkt.* 10

Mixed Colors..... 5

CONVOLVULUS MINOR.

(*Bedding Morning Glories.*)

These beautiful "Bush Morning Glories" grow only about 1 ft. high; the flowers are freely borne, and, if pleasant, remain open all day. The plant spreads with much regularity in all directions for about two feet, and a bed of them is a beautiful object throughout the summer.

Variegatus. Striped rich blue and white.....*Pkt.* 5

Crimson Violet. Rich crimson violet, white throat, yellow eye... 5

Sub-Cœruleus. Lavender, white centre, yellow throat, fine..... 5

Splendens. Rich indigo blue, white centre, yellow throat..... 5

Albus. White, yellow throat..... 5

Minor, Mixed. Including many varieties..... 5

CELOSIA, QUEEN OF DWARFS.

VARIEGATED LEAF MORNING GLORY.

CONVOLVULUS.

(*Morning Glory.*)

The well-known Morning Glories; splendid climbing plants; unequaled for rapidity of growth and profusion of bloom; annuals attaining a height of 30 to 50 feet.

White .....*Pkt.* 5 **Blood Red** 5
Rose..... 5 **Striped**..... 5
Blue..... 5 **Mixed**..... 5

Aureus Superbus. Small flowering golden yellow flowers.....10

Variegated Leaf Morning Glory. (*Ipomœa Marmorata.*) Foliage beautifully striped and variegated, flowers of various colors. (*See cut.*) 10

For C. Mauritanicus, see "Complete List," pages 90 to 97.

Imported collection of Morning Glories, 6 separate colors, 25 cts.; 12 separate colors, 40 cts.

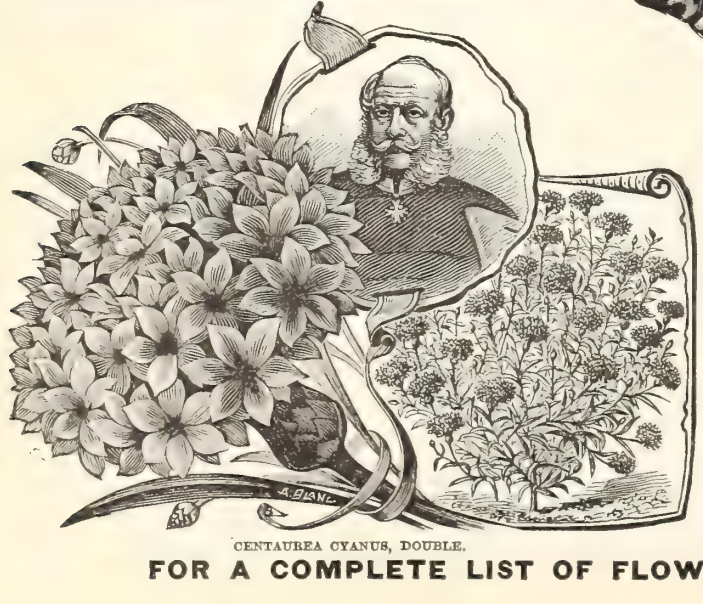
CENTAUREA.

(*Ragged Sailor. Corn Flower. Blue Bottle.*)

Cyanus or Bluet. A very old favorite garden annual, flowering freely in almost any situation; height, 2 to 3 feet; for cut flowers they are largely used both in Europe and this country, a little bunch of the *blue* corn flower being a favorite *boutonnière.*

— **Blue, Rose, White or Mixed**....*Pkt.* 5

Imported collection of 6 separate colors, Centaurea Cyanus, 25 cts.



CENTAUREA CYANUS, DOUBLE.

— **Double.** Produces double globular flowers of large size and filled up to the centre with florets; the mixture we offer contains many novel new colors, some prettily striped. (*See cut.*).....10

— **"Victoria."** This charming diminutive variety forms little bushes only 8 inches high, producing clusters of bright blue flowers similar but smaller than the type, in remarkable abundance; a very pretty plant for edging or pot culture.....15

Americana. Large growing annual, 3 feet high; very showy for borders or backgrounds; purplish red..... 5

For White-leaved Centaureas, see "Complete List," pages 90 to 97.

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

CHRYSANTHEMUMS.—Single Annual Varieties.

(*Painted Daisies.*)

Summer blooming plants of compact growth and thrifty habit, 12 to 18 inches high, producing quantities of large single flowers, 2 inches across. Colors, crimson, gold, maroon, white, etc. (*See cut No.* 2.)

Burridgeanum. White, crimson and yellow.....*Pkt.* 5
Eclipse. Golden yellow, scarlet ring; centre rich brown..... 5
Golden Feather. Foliage golden yellow; flowers ringed white, crimson and canary, maroon eye..... 5
Gladstone. Brilliant rich crimson..... 5
Lord Beaconsfield. Crimson, maroon edged and striped gold, brown eye, ringed yellow..... 5
Segetum Grandiflorum. Extra large sulphur yellow flowers, 2½ inches across 5
The Sultan. Crimson maroon, centre a wide gold ring..... 5
Single Annual, Mixed. 5

Imported collection of 6 *Annual Sorts*, 25 *cts.*

Double Annual Varieties.

Bushy, thrifty plants about 1 foot high; very effective for summer flower beds, pot culture and for cut flowers. (*See cut No.* 3.)

"Porcupine." Each petal forming a tube vaulted and arranged like tiles, which give it a picturesque and lovely effect; color golden yellow. (*See cut No.* 1).....*Pkt* 10
Double Yellow. (*Coronarium Aurea fl. pl.*)..... 5
Double White. (*Coronarium Album fl. pl.*)..... 5
Double Scarlet. (*Coronarium Coccineum fl. pl.*)..... 10
Double Annual, Mixed. (*Coronarium fl. pl.*)..... 5

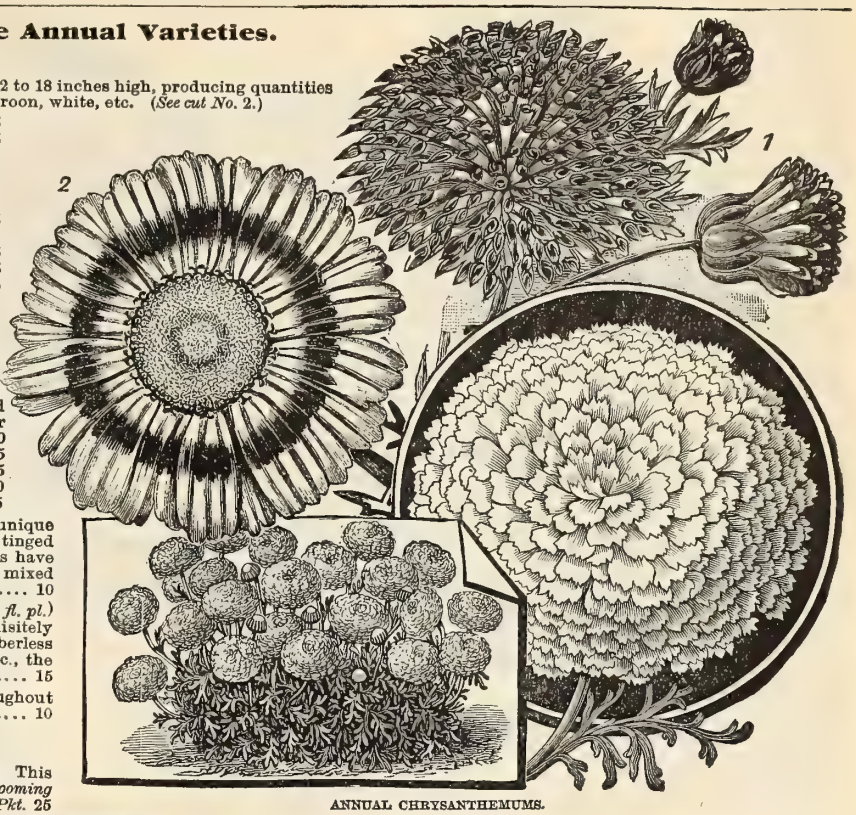
Double Hybrids. (*Chrysanthemum carinatum fl. pl.*) New and unique varieties. Pure white, yellow, crimson, bronzy yellow, etc., tinged with red, lilac or rose. Some are beautifully penciled; others have rich crimson centres with clear yellow guard petals. Finest mixed colors..... 10

Lorenz's Double Fringed. (*C. carinatum hybridum fimbriatum fl. pl.*) The petals lie, scale-like, one upon the other, and are exquisitely fringed. The colors are beautiful and diversified, including numberless hues of rose, fiery scarlet, blood-red, purple, yellow, white, etc., the dark brilliant colors predominating..... 15

Inodorum Plenissimum.—Double white flowers borne throughout the season in profusion. Fine for vases and cutting..... 10

Double Perennial Varieties.

Chinese and Japanese Large Flowering. Grand mixture. This seed has been saved from many new varieties and *will produce blooming plants the first season if sown early*.....*Pkt.* 25



ANNUAL CHRYSANTHEMUMS.

DELAUX'S EARLY FLOWERING JAPANESE AND CHINESE CHRYSANTHEMUMS.

DELAUX'S PERFECTED EARLY FLOWERING

Japanese and Chinese Chrysanthemums.

Remarkable new class, raised by a celebrated South of France specialist, who, by persevering selection and skillful hybridizing, obtained a series of 200 varieties of early flowering Chrysanthemums that in his latitude bloom continually from June until frost. The seed which we offer has been gathered from the complete collection of Mr. Delaux, and will produce an endless variety of magnificent flowers of superb colors, ninety per cent. of which he claims will come double, and mostly of the Japanese type, differing essentially from the latter in more dwarf and branching habit, and in consequence more abundant blooming. While we in the North cannot expect the Delaux Chrysanthemums to bloom as early as in the sunny South of France, yet they will precede the regular Chinese and Japanese Chrysanthemums by several weeks, especially if the seed be started in the house early in the spring and the plants removed to the open ground. (*See cut.*).....*Pkt.* 25

CINERARIA.

Hybrida or Flowering Varieties.

Magnificent and indispensable flowering plants for spring decoration for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet, and crimson shades, covering the plant with a sheet of bloom.

Large Flowering, Mixed. From choicest prize varieties. 2 feet..*Pkt.* 35
Good Mixed..... 15
Double Large Flowering, Mixed..... 50
New Pyramidal. Plants of a beautiful pyramidal form; flowers borne in immense heads and run all through the various combinations of color usual in a high-class strain..... 50
Large Flowering Crimson. A rich velvety crimson; flowers of largest size, with a double row of petals..... 35

(*For White-Leaved Cinerarias, see "Complete List," pages* 90 *to* 97.)

CYCLAMEN.

Our Cyclamens were awarded the highest premium at the World's Columbian Exposition.

These are among the most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. The colors range through shades of pink, crimson, white, spotted, etc. Most of them are, moreover, delicately fragrant.

Persicum, Finest Mixed..... *Pkt.* 15

Giant Persian Cyclamen.

Flowers of extraordinary size, and of great substance. The leaves are proportionately large and beautifully marked.

Giganteum, Mixed.....*Pkt.* 35

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

DAHLIA.

Double Varieties.

Although perennials, these will flower freely the same season from seed, producing large double flowers of perfect form, and of rich colors and markings in greatest variety; indispensable for garden decoration. 4 to 6 ft.

Choice Double Mixed. Many colors.....*Pkt.* 10
Pompone, Double Mixed. Small flowering..... 10
Juarezii (*Cactus Dahlia*). Brilliant scarlet double flowers of distinct and remarkable appearance, and worthy of extensive cultivation... 10

Single Varieties.

From their grace and beauty are much used for cut flowers; handsome bedding plants, flowering in great profusion in a large variety of color. Seed sown in spring will produce plants that bloom from August until frost. 2 to 4 ft.

Single Mixed Selfs and Striped. Many colors; many striped and spotted.....*Pkt.* 10
New Tom Thumb Dahlias. Little compact bushy plants, only about 12 inches high by 24 inches across. They produce, in great abundance, flowers of the most unique and exquisite colors and combinations, spotted and striped, margined, ringed, etc., etc..... 15

CARNATION PINKS.

Indispensable plants for both pot culture in the greenhouse, window garden and open ground culture in summer; of innumerable colors and delicious perfume. 1 to 2 feet. (*See cut.*)

Guillaud Strain. The only carnations blooming the first season that contain yellow. The flowers are large, of perfect shape, very fragrant and last a long time, either cut or on the plants. The seeds which we offer in mixture contain a magnificent variety of colors and shades, and, making this strain still more valuable, they contain flowers of clear yellow and others with yellow stripes. They are equally adapted for open ground and pot culture.....*Pkt.* 35
Bizarres, Choicest Double Mixed. Flakes, fancy and selfs... 35
Perpetual, or Tree, Choice Double Mixed. Fine for winter flowering 25
Picotee, Choice Double Mixed. Flowers either white or yellow, bordered with purple, red or rose..... 35
Le Favori. Double. Rosy carmine..... 25
Hermine. Double. Snow white..... 25
Jean Sisley. Double. Salmon yellow..... 25
Grenadin. Habit dwarf and compact, brilliant double scarlet flowers, very early 15
White Grenadin. Double early flowering white..... 25
Finest Double Mixed..... 20
Double Mixed. A small percentage will come single..... 10

Imported collection of seeds of finest double Carnations, 6 separate varieties, 50 cts., or 12 for $1.00.

NEW "MARGUERITE" CARNATION.

HARDY DIANTHUS or PINKS.

Highly valued for the great beauty and fragrance of their flowers. These make splendid bushy plants, from 1 to 2 ft. high, unrivaled for permanent beds and borders.

Gardnerianus fl. pl., Mixed. (*Double Hardy Garden Pink.*) Large fringed flowers..... *Pkt.* 5
Plumarius fl. pl., Mixed. (*Double Pheasant's-eye Pink.*) Double fringed flowers; fragrant and of white, crimson or purple shades, spotted and variegated, 9 to 12 inches high... 15
Scoticus, Mixed. (*Scotch Paisley Pink.*)..... 25
Semperflorens Hybridus fl. pl. (*Double Mule Pink.*)..... 25
Plumarius, Mixed. (*Feathered Pheasant's-Eye Pink.*) Large single fragrant flowers of beautiful colors and finely fringed..... 5

MARGUERITE CARNATIONS.

FLOWERING IN A FEW WEEKS FROM SEED.

Most abundant bloomers; flowers very double, ranging through beautiful shades of reds, pinks, white, variegated, etc. *Those sown in spring commence flowering in early summer*, and continue to bloom until checked by frost. They can be potted and taken in the house and will flower abundantly throughout the winter, though, if intended specially for winter flowering, it will be better to sow later in the season. Mixed colors. (*See cut.*).....*Pkt.* 10

Cyclops Pinks. This magnificent new strain of Pinks produces an entirely new series of colors of endless variety and unapproachable beauty, the flowers having an added value because of their clove-like perfume. The individual blossoms are round and very large, fully six inches in circumference, with broad overlapping petals, and are borne in wondrous amplitude, completely sheeting the plants from May until frost with exquisite combinations of colors, the predominating shades being delicate rose, flesh pink, copper color, salmon, dregs of wine red, white, bright crimson, etc., the beauty of each flower being further enlivened by a large eye-like zone of velvety blood-red, making a strikingly beautiful contrast.

The plants grow 12 to 16 inches high, are of sturdy and vigorous habit, and will bloom the first season if the seeds are sown reasonably early; continuing to flourish and bloom for several years. (*See cut.*)

Single Cyclops Pinks. Mixed colors....*Pkt.* 15 **Double Cyclops Pinks.** Mixed colors.... 50

NEW CYCLOPS PINKS.

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

DIANTHUS OR PINKS.

ANNUAL VARIETIES.

LITTLE GEM PINK.

The family of "Pinks" are unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming so profusely as to almost uninterruptedly cover the plants until late in autumn, rendering them one of the most beautiful and satisfactory of all annuals for summer flower gardens; they also make very beautiful pot plants. Height, about 1 foot.

DOUBLE ANNUAL DIANTHUS.

Chinensis fl. pl., Mixed Colors. Double China or Indian Pink. 1 ft. *Pkt.* 5
Heddewigii fl. pl., Mixed Colors. Double Japan Pink, large flowers. (*See cut.*) 5
Dwarf Copper-red. A very desirable variety, **copper-red;** a novel and effective color; plant dwarf, compact and branchy; flowers very double and profuse 10
Imperialis rubro-striata fl. pl. A very beautiful variety; large double flowers of rich blood-red ground color, irregularly striped and splashed with white and pink—differing from other striped varieties—the ground colors of which are white 15
Laciniatus fl. pl., Mixed Colors. Large double fringed flowers 5
Double Diadem, Mixed Colors. Splendid large double flowers of many colors, each hieroglyphically edged and marbled in the most charming fashion. 5
Double Snowflake. Pure white; large double fringed flowers of perfect form, 10
Fireball. Densely double flowers of large size and of marvelously rich and brilliant velvety red. (*See cut.*) 10
White Frill, or Mourning Cloak. Double flowers of large size, of rich and unique colors; rich purple, maroon, almost velvet black, and sharply edged with clear white, making a strikingly beautiful contrast 10
Double Striped and Fringed, Mixed Colors. These are particularly grand. The immense flowers are very double, deeply fringed at the edges and of many exquisite colors, all of which are charmingly striped with some other color 10

SINGLE ANNUAL DIANTHUS.

Flowers very large, 2 inches and over across, and freely produced, and of the richest colors and finely fringed.

Heddewigii, Mixed Colors. Single Japan Pinks. A magnificent strain of pinks, the flowers averaging 2 to 3 inches across, broad and round, and of many exquisite colors; blotched, splashed, spotted in indescribable confusion. *Pkt.* 5
Little Gem, or The Bride. It forms a plant only six inches high, which is almost smothered with charming flowers. Color, an exquisite combination of wine red suffused and veined with a rosy carmine and broadly margined with white. (*See cut.*) 10
Snowflake. Pure snow-white flowers of large size, exquisitely fringed 5
Eastern Queen. Immense single flowers, beautifully fringed, marbled and suffused with carmine rose, mauve and lilac 5
Crimson Belle. Magnificent large single fringed flowers of lustrous velvety crimson 5
Laciniatus, Mixed Colors. Finest single fringed sorts 5

DATURA.

Strong growing ornamental annuals, with very large and showy flowers, making handsome plants, 2 to 3 ft. high, for flower beds or borders.

Double Golden. Large double golden yellow flowers; very fragrant *Pkt.* 5
Wrightii. Large white and lilac flowers 5
Fastuosa fl. pl., Mixed. Fine double varieties 5

Imported collection of 6 distinct double annual Dianthus, 30 cts.; 12 varieties, 50 cts.

For a Complete List of Flower Seeds, see pages 90 to 97.

DOUBLE STRIPED AND FRINGED PINK.

DIANTHUS, "DOUBLE SNOWFLAKE."

DOUBLE JAPAN PINK.

COBÆA SCANDENS.

Elegant, rapid growing climbers, attaining a height of 20 to 30 feet. Can be grown in the garden in summer, or in the greenhouse or conservatory in winter. Their luxuriance renders them particularly desirable for covering arbors, walls, etc.; flowers large and bell-shaped.

Blue.....*Pkt.* 10 **White**.....*Pkt.* 15

ESCHSCHOLTZIA.

(*California Poppies.*)

Showy summer flowering annuals, of the easiest culture, forming nice bushy plants 1 ft. high, which produce in wondrous profusion large saucer-shaped flowers of striking brilliancy; one of our finest garden plants. (*See cut.*)

Single Varieties.

Californica. Sulphur, with orange centre.....*Pkt.* 5
Mandarin. Large flowers of a bright scarlet; inner side rich orange..... 5
Rose Cardinal. (*Carminea Grandiflora*). Rich rosy purple, extremely beautiful..... 10
Finest Mixed..... 5

Double Varieties.

Double White....*Pkt.* 5 **Double Yellow**.... 5 **Double Mixed**.... 5

ESCHSCHOLTZIA.

GAILLARDIA.

GAILLARDIA GRANDIFLORA.

Exceedingly beautiful annuals making very showy plants, one to two feet high, for the flower garden. Grown in masses they are especially effective; large flowers, two or three inches across, produced from early summer until frost; unrivaled for cutting.

Amblyodon. Rich blood-red.....*Pkt.* 5
Sun Kissed. Gold and scarlet..... 5
Aurora Borealis. Gold, crimson and white..... 5
Gloire de Paris. Salmon..... 5
Avalanche. Satin white..... 5
Flower of Gold. Rich yellow..... 5
Illumination. Red, bordered white..... 5
(*Collection, one packet each of above-named 7 varieties, 25 cts.*)
Mixed Grandiflora Varieties. (*See cut.*)..... 5
Lorenziana, or Double Flowering. Large round heads composed of 30 to 50 flowers of orange, claret, amaranth, sulphur, etc..... 5

GERANIUM.

Although perennials, they will produce nice bushy plants and flower from seed sown the same season. The heads of gorgeous flowers, of many shades of color, borne continuously, render this one of the most popular plants grown, either for pot culture in winter or for bedding out in summer. 12 to 18 inches high.

See also Pelargoniums in "Complete List," pages 90 to 97.

Single Mixed Zonale.....*Pkt.* 10
General Grant. Vivid scarlet..... 10
Double Mixed. Includes many varieties..... 25
Gold and Bronze Leaved. Mixed..... 25
Silver Leaved. Mixed varieties.....*Pkt.* 25
Apple Scented. Leaves delightfully fragrant, highly prized for bouquets..... 10

GODETIA.

Exceedingly handsome and showy annuals, of dwarf, compact growth, about 1 ft. high, bearing freely large flowers 3 to 4 in. across, of exquisite colors and shades that glisten in the sunlight like satin. (*See cut.*)

Lady Albemarle. Crimson and carmine, suffused lilac.....*Pkt.* 5
Duchess of Albany. Satiny white 5
Nameless Beauty. Blush-white with a satin-like lustre, large carmine spots..... 10
Lady Satin Rose. Glossy rose pink. (*See cut.*)..... 5
Finest Mixed. Includes many sorts, 5

Imported collection of 6 separate varieties, 25 cts.

GODETIA, LADY SATIN ROSE.

GLOBE AMARANTH.

"Bachelor's Buttons," and the "amaranth" of the poets. They are annuals, forming bushy plants about 2 feet high, and bearing sometimes several hundred flowers of purple, white, striped, etc. Very ornamental as summer-blooming plants, and indispensable as "Everlastings."

Mixed Colors.....*Pkt.* 5
Nana Compacta, Mixed. Pyramidal plants, only a few inches high, one mass of flowers; pretty for edgings or pots. (*See cut.*)..... 5

GOURDS.

Summer climbers of exceedingly rapid growth and luxuriant foliage, for covering arbors, etc.; they bear fruits known as "Ornamental Gourds" which, when allowed to fully ripen on the vines, can be kept for months as curiosities. 10 to 30 feet.

The Chinese Loofa, Sponge or Dish Rag. Large yellow flowers followed by long green fruits, which form inside a tough fibrous mass, and, when seeds and shell are removed, is popular for bathing, being much superior to a sponge and more durable.....*Pkt.* 5
Dipper-Shaped..... 5 **White Nest Egg**..... 5
Gooseberry..... 5
Hercules' Club. Green fruits, 2 to 5 ft. long..... 5
Serpent Gourd. Carmine fruits, 3 to 6 ft. long..... 5
Mixed, small ornamental varieties..... 5
Mixed, large ornamental varieties..... 5

Imported collection of 12 separate sorts, 50 cts.

GLOBE AMARANTH, NANA COMPACTA.

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

HOLLYHOCK—Henderson's Superb Double.

See Colored Plate on page 127.

Our Hollyhocks received the highest award at the World's Columbian Exposition, Chicago, 1893.

Grand summer and autumn flowering plants, bearing long spikes of double flowers 3 to 4 inches across. Hardy biennial, 5 to 8 ft. high. The seed we offer has been saved from our unrivaled collection of choicest improved double varieties. (*See cut.*)

Double White. (*See No.* 3 *on colored plate, page* 127.).....*Pkt.* 10
Double Deep Rose. (*See No.* 6 *on colored plate, page* 127.)..... 10
Double Salmon. (*See No.* 5 *on colored plate, page* 127.)..... 10
Double White, Violet Centre.... 10 **Double Blush**..... 10
Double Canary Yellow. (*See No.* 4 *on colored plate, page* 127.)..... 10
Double Pink. (*See No.* 2 *on colored plate, page* 127.)..... 10
Double Crimson. (*See No.* 1 *on colored plate, page* 127.)..... 10
Double Maroon..... 10 **Double Lavender**..... 10
Double Light Apricot..... 10 **Double Purple**..... 10
Tokio. A most beautiful Japanese variety, bearing large double flowers, the petals being beautifully frilled, of a rich wine maroon at the base, shading to cherry red and broadly edged with white.... 20
Crimson Pyramid. It grows only 12 to 18 inches high, and produces glowing crimson semi-double flowers from June to September.. 25
Fine Double Mixed. Includes many colors. 10
Extra Choice Double Mixed. From Chater's collection..... 15

Imported collection of 6 *separate sorts,* 50c.; 12 *separate sorts,* $1.00.

HENDERSON'S SUPERB DOUBLE HOLLYHOCK.

LEMOINE'S GIANT HELIOTROPE.

HELIOTROPE.

Deliciously fragrant flowering plants, growing about 1 to 2 feet high; great favorites for pot culture in the winter or bedding out in summer; large umbels of purple, lilac or white flowers, are continuously borne.

Finest Mixed.....*Pkt.* 10
Queen of Night. Rich black purple..... 10
Lemoine's Giant Hybrid. These are grand improvements. In our trial grounds the past season, seed sown in April produced luxuriant, healthy, bushy plants 18 inches to 2 ft. high by July, and they bloomed abundantly until cut down by frost. The clusters of bloom were immense; many measured 6 inches across and were deliciously fragrant; colors, lavender, white, purple, etc. 25

HELICHRYSUM.

HELICHRYSUM.

Very showy summer-blooming annuals; of free growth and producing in abundance flowers large, full and double, in shades of white, yellow, crimson, etc.; not only very handsome as garden plants, but valuable as an "Everlasting" for winter bouquets. (*See cut.*) 1 to 2 feet.

Double Mixed, Large Flowering.....*Pkt.* 5
Fireball. Double; large, dark red..... 5
Small Flowering, Double Mixed..... 5

Collection of 10 *separate colors,* 40 *cts.*

LARKSPUR.

Popular annuals for summer garden decoration; the splendid flowers are of varied colors and are borne on long spikes.

Dwarf Rocket, Double, Mixed Colors, 1 ft. 5
Tall Rocket, Double, Mixed Colors, 2½ ft. 5
Henderson's Giant Rocket. A much improved type, the flowers being larger than the old varieties, very double, and the colors very beautiful. Mixed colors. (*See cut.*)..... 10
Branching Larkspur, Mixed Colors. (*Consolida Candelabra fl. pl.*) Branching Larkspurs grow 2 to 3 ft. high and bear long spikes of flowers on long stems, rendering them of exceptional value for cutting purposes. They are of long-continued bloom, keeping up a bright display until cut down by frost. (*See cut.*) 10
Emperor, Double, Mixed Colors. Bears about 100 close spikes of flowers 5
Rosy Scarlet. Bright rosy scarlet; very double flowers on long spikes; beautiful and distinct..... 10
Scarlet Californian Larkspur. (*Delphinium Cardinale.*) The flowers are borne on long spikes and are a brilliant scarlet, the petal limbs distinctly yellow. Height, 3 to 4 feet..... 15

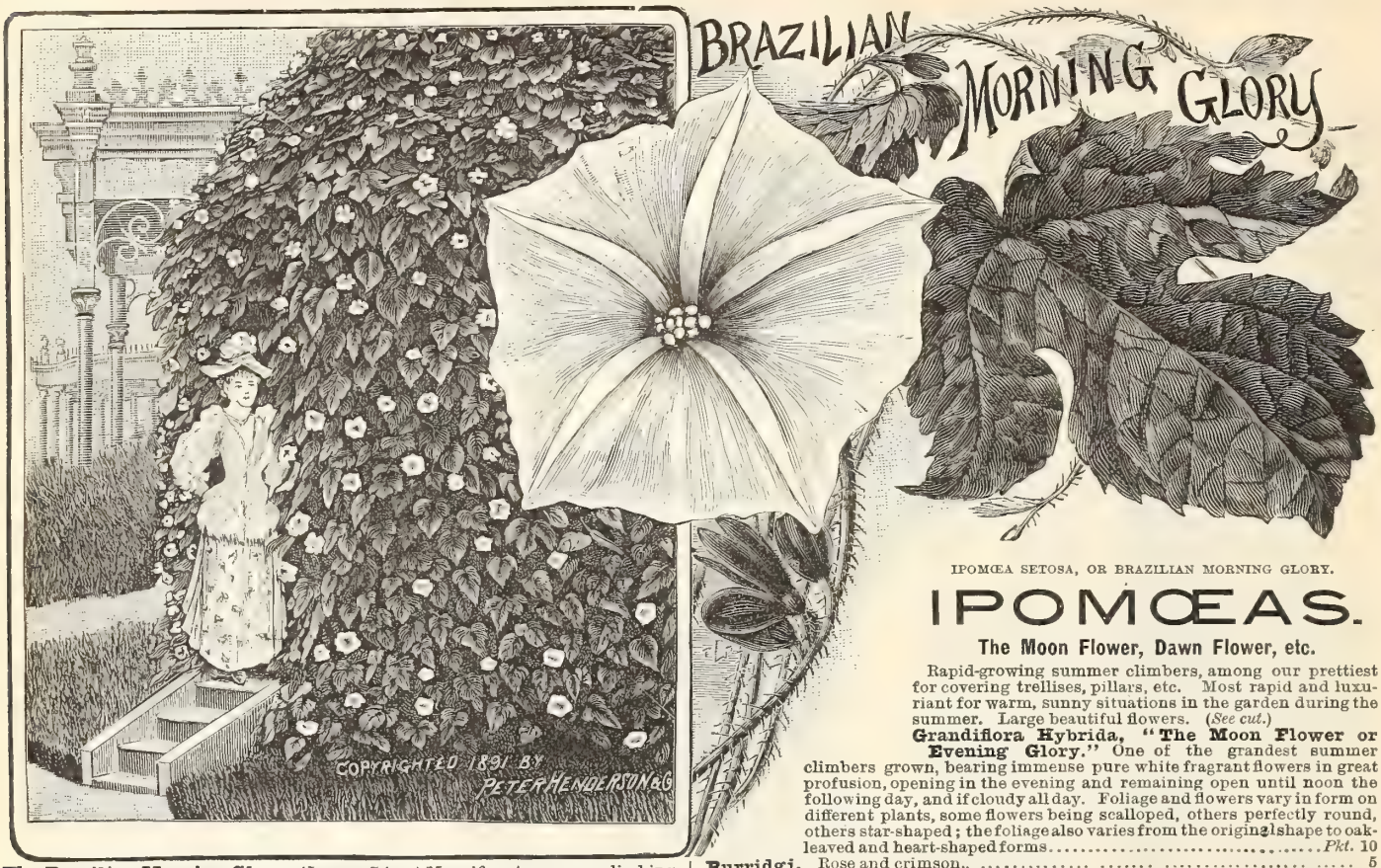
Imported Collections of Larkspurs.

Dwarf Rocket Larkspur, 12 *separate sorts*..... 50
6 *separate sorts*..... 30
Emperor Larkspur, 6 *separate sorts*..... 30
Branching Larkspur, 6 *varieties* 30

BRANCHING LARKSPUR.

HENDERSON'S GIANT ROCKET.

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.



IPOMŒA SETOSA, OR BRAZILIAN MORNING GLORY.

IPOMŒAS.

The Moon Flower, Dawn Flower, etc.

Rapid-growing summer climbers, among our prettiest for covering trellises, pillars, etc. Most rapid and luxuriant for warm, sunny situations in the garden during the summer. Large beautiful flowers. (*See cut.*)

Grandiflora Hybrida, "The Moon Flower or Evening Glory." One of the grandest summer climbers grown, bearing immense pure white fragrant flowers in great profusion, opening in the evening and remaining open until noon the following day, and if cloudy all day. Foliage and flowers vary in form on different plants, some flowers being scalloped, others perfectly round, others star-shaped; the foliage also varies from the original shape to oak-leaved and heart-shaped forms.....*Pkt.* 10

The Brazilian Morning Glory. (*Ipomœa Setosa.*) Magnificent summer climbing annual. It grows with the greatest vigor and luxuriance, branching and climbing in all directions. The leaves are 8 to 12 inches across and are borne from the ground up, overlapping each other and making a dense shade. Every part of the vine is thickly covered with short reddish hairs which, with its immense leaves and large clusters of curious seed capsules, render it highly ornamental and give it quite a tropical appearance. We know of nothing so good for quickly covering a piazza, arbor or tree, and where a dense shade is required it has no equal. The flowers, which open in the morning, are three inches or more across, of a beautiful rose color, and are borne in large clusters very freely from July to frost.....*Pkt.* 15

Burridgi. Rose and crimson..... 5
Coccinea. (Star Ipomœa.) Scarlet flowers..... 5
Limbata. Violet, edged white, rose throat..... 5
"Heavenly Blue." Claimed to be a cross between Ipomœa Leari and Mina Lobata. The foliage is very large, heart-shaped; flowers 4 to 5 inches across in large clusters, and of that indescribable light blue with a yellow throat suffusing softly into blue. This climber is so completely covered with bloom as to almost cover the foliage. It is also a splendid conservatory climber..... 20
Leari. "The Blue Dawn Flower." Although this does wonderfully well outside in the summer, yet it is generally grown as a greenhouse climber, and it is most beautiful, bearing clusters of the most lovely sky-blue flowers imaginable, and measure fully 5 to 6 inches across..... 25
Large Flowering Ipomœas, Mixed sorts..... 10
Imported collection of 10 *separate Ipomœas, 50 cts.*

LATHYRUS.

(*Hardy Sweet Peas.*)

Latifolius. Hardy climbers, growing 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters.
——**Red, White or Mixed**.....*Pkt.* 10
Splendens. "The Pride of California." Brilliant rosy red..... 10

LOBELIA. Erinus Varieties.

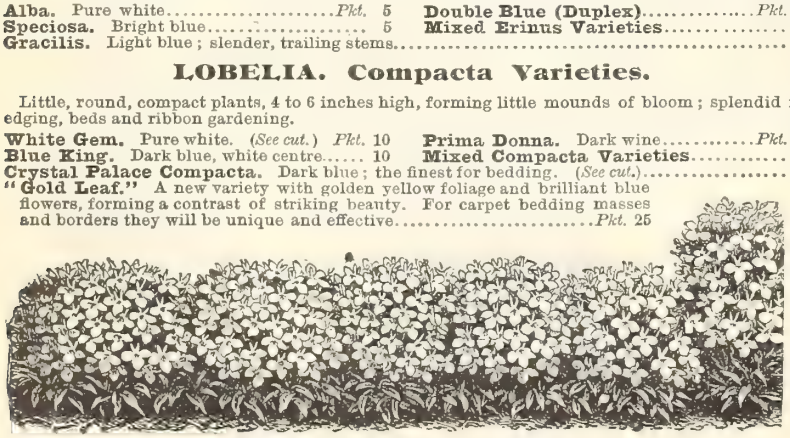
These are indispensable plants with trailing branches 6 to 9 inches long, bearing continuously flowers of charming blue, white or rose shades for hanging-over vases and baskets. Although perennials they are usually treated as annuals.

Alba. Pure white.....*Pkt.* 5
Speciosa. Bright blue..... 5
Gracilis. Light blue; slender, trailing stems.....
Double Blue (Duplex).....*Pkt.* 10
Mixed Erinus Varieties..... 5

LOBELIA. Compacta Varieties.

Little, round, compact plants, 4 to 6 inches high, forming little mounds of bloom; splendid for edging, beds and ribbon gardening.

White Gem. Pure white. (*See cut.*) *Pkt.* 10
Blue King. Dark blue, white centre..... 10
Crystal Palace Compacta. Dark blue; the finest for bedding. (*See cut.*)..... 10
"Gold Leaf." A new variety with golden yellow foliage and brilliant blue flowers, forming a contrast of striking beauty. For carpet bedding masses and borders they will be unique and effective.....*Pkt.* 25
Prima Donna. Dark wine.....*Pkt.* 10
Mixed Compacta Varieties..... 10



LOBELIA, CRYSTAL PALACE COMPACTA.

LOBELIA, WHITE GEM.

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

MARIGOLD.

These annuals are old favorites in our gardens, but have been greatly improved recently in size and doubleness of flowers. They are very effective for groups and masses.

Double African Marigolds.

Double African, Mixed. Yellow and orange shades. 2 ft.....*Pkt.* 5
El Dorado. Immense flowers, 10 to 14 inches around; exceedingly double; primrose, lemon, orange and golden shades. (*See cut.*) 3 ft..... 10

Imported collection of Double African Marigolds, 6 separate colors, 25 cts.

Double French Marigolds.

Double French, Mixed. Yellow, brown and crimson, beautifully striped. 1 ft.....*Pkt.* 5
Dwarf, Gold Striped. Rich velvety maroon; double flowers, striped with gold. 1 ft. (*See cut.*) 10
Double Legion d'Honneur. Small, very dense double flowers of bright canary yellow, each petal marked with a rich garnet blotch; plant very dwarf, bushy and exceedingly floriferous.. 10
Gilt Edge. A new large flowering variety of dwarf French Marigold, differing from it in the more robust growth and in the large and more perfectly double flowers, measuring from 3 to 4 inches across. The color of the flower is a velvety brown maroon, edged with yellow..... 15

Imported collection of Double French Marigolds, 6 separate colors, 25 cts.

New Single Marigold, "Little Brownie."

A charming single-flowering Marigold, forming compact little bushes only 5 to 6 inches high producing a fine effect when grown in masses, and unrivaled for borders. It is remarkable for blossoming extremely early and in prodigious abundance, commencing in June from spring-sown seed, blooming more and more as the season advances. The duration of the flowers and the great resistance of the plant to drought is marvelous; should it be so dry that the foliage disappears, yet the flowers are perfected. The latter are vividly colored yellow or gold, marked as with a graver, with a large spot of crimson velvet. (*See cut.*).....*Pkt.* 15

NEW SINGLE MARIGOLD, "LITTLE BROWNIE."

MARVEL OF PERU.

(*Four o'Clocks.*)

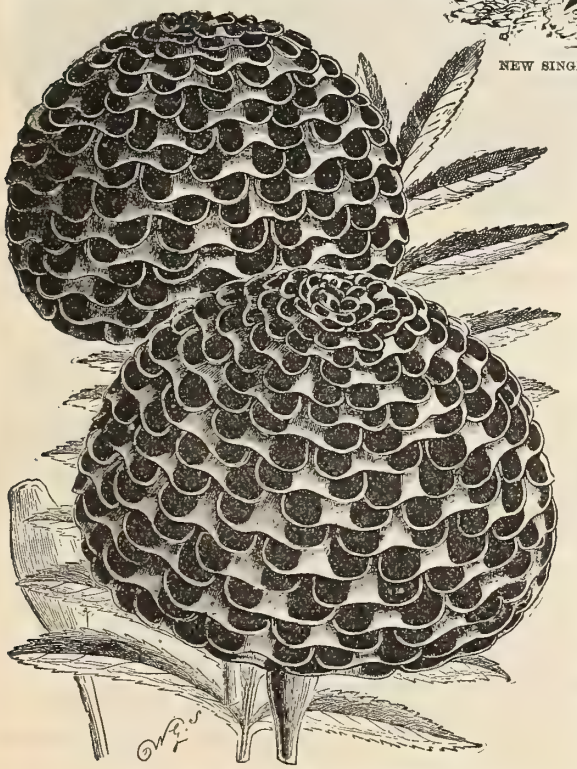
Beautiful summer-blooming annuals of bushy habit, 2 feet high, each plant bearing throughout the summer hundreds of large flowers of white, yellow, crimson, striped.

Mixed Colors.....*Per oz.*, 25....*Pkt.* 5
Variegated Foliage, Mixed Colors. Foliage striped and marked. *Per oz.*, 35. *Pkt.* 5

MUSA ENSETE.

(*Abyssinian Banana Tree.*)

A foliage plant of magnificent proportions; for sub-tropical massing or as single specimens they are strikingly effective. Seeds sown early in the house will produce plants 10 to 15 feet high the first season.....*Pkt.* 25



DWARF GOLD STRIPED FRENCH MARIGOLDS.

AFRICAN MARIGOLDS, EL DORADO.

MIGNONETTE.

This deliciously fragrant flowering plant is the most popular annual grown.

Large Flowering. The common sweet mignonette. *Per oz.*, 15 cts.; *per ¼ lb.*, 40 cts.; *per lb.*, $1.00.....*Pkt.* 5
Bird's Mammoth. Largest variety grown; under proper cultivation, the spikes average 12 to 15 inches long, are very full and exceedingly fragrant..... 10
Parson's White. Nearly white; strongly scented; long, well-formed spikes..... 5
Large White Upright. Foliage grayish green; flowers white, on long, slender spikes. 2 to 3 ft..... 5
Red Victoria. A very fine, distinct, profuse-flowering variety of dwarf, branching habit, bearing large and compact trusses of deep red flowers, very fragrant..... 10
Miles' Hybrid Spiral. Flowers white, very fragrant, spikes 8 to 12 inches long; plant dwarf and branching..... 5
Machet. A dwarf French variety, with broad spikes of very fragrant red flowers; one of the best varieties..... 10
Golden Queen. Golden yellow flowers; dense dwarf growth..... 5
Giant Red, Guihieneuf's "Ruby." Large, dense spikes of bright red flowers. Plants are of dwarf, pyramidal habit. (*See cut.*)..... 15

MIMULUS or MONKEY FLOWERS.

Mimulus are admirable pot plants, and equally adapted for beds in the garden, in semi-sunny positions. The coloring and markings are rich in the extreme, ranging through velvety crimson, maroon, yellow, white and pink, spotted and blotched in a beautiful manner.

New Emperor. The flowers are of the "Hose in Hose" style, of great size, and of remarkably rich and varied colors.....*Pkt.* 25
Prince Bismarck. Flowers an inch or more across, of dark rich crimson, and borne continually during the summer..... 20
Henderson's New Mammoth. A magnificent strain of enormous size. Mixed colors..... 25
Fine Mixed Spotted Varieties..... 10
Moschatus. (Musk Plant.) Foliage emits a strong musky perfume; yellow..... 10

For Hardy Mimulus, see "Complete List," pages 90 to 97.

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

MYOSOTIS, "VICTORIA."

MYOSOTIS, OR FORGET-ME-NOT.

The popular "Forget-me-nots." Bushy plants 6 to 12 inches high, bearing clusters of lovely small flowers. They are perennials and hardy enough to remain in the open ground, excepting in very cold latitudes, where they should be well protected; but they are generally sown in the fall and wintered over in cold frames, when they will flower early in the spring; if sown early in the house they will flower the first season.

Dwarf Alpine. Compact plants, 4 to 6 inches high; flowering profusely; mixed colors....*Pkt.* 10
Palustris. Large flowering, dark blue, 1 ft..... 10
Alpestris, Blue. 1 ft..... 5
—— **White.** 1 ft..... 5
—— **Rose.** 1 ft..... 5
—— **Mixed**..... 5
Dissitiflora. Large, sky-blue flowers; very early and free blooming. 6 to 12 inches..... 10
Semperflorens. (Ever-flowering.) Flowering from early spring to autumn. 6 inches.....*Pkt.* 10
Azorica. Flowers ½ an inch across; rich turquoise blue, without eye; in dense clusters. 6 inches.. 10
Victoria, Blue. Plants round, 5 to 7 inches high, and 16 to 18 inches in circumference; perfectly covered with large umbels of flowers of azure blue, remaining in bloom a long time. (*See cut.*)..... 10
Victoria, Rose. A new rose colored variety of the above..... 15

NASTURTIUM. Tom Thumb or Bedding.

One of our showiest and most popular annuals, forming compact plants, not over 1 foot high, making gorgeous masses of color from early summer until killed by frost; succeeding under all weathers and conditions and unsurpassed for garden decoration.

	Oz.	*Pkt.*
Aurora. Lovely and distinct; salmon-rose, mottled blush white, garnet blotches	30	5
Rose	25	5
Luteum. Light yellow, no blotches	25	5
Brilliant. This new variety is a handsome scarlet—a rich glistening shade—that is well set off by very dark foliage	50	15
Coccineum. Bright light scarlet	25	5
Crystal Palace Gem. Sulphur, spotted maroon	25	5
King of Tom Thumbs. Crimson	25	5
Spotted. Deep orange, crimson blotches	25	5
Pearl. White	30	5
Ruby King. Light ruby red	25	5
Beauty. Light scarlet, splashed canary	25	5
King Theodore. Dark scarlet maroon, dark foliage	25	5
Empress of India. Brilliant crimson, dark foliage, very effective	25	5
Cloth of Gold. Golden yellow foliage, light scarlet flowers, very effective	25	5
Lady Bird. Orange yellow, red spots	30	5
Chameleon. Blotched and splashed crimson, bronze and golden yellow	25	5
Golden King of Tom Thumbs. Grand flowers 3 in. across; deep golden yellow, maroon blotches	30	5
Mixed Tom Thumbs. Many sorts	20	5

per ¼ lb., 60c.

Imported collection of 12 *Tom Thumb varieties*, 50c.

TOM THUMB NASTURTIUM.

NASTURTIUM FLOWERS.

LOBB'S NASTURTIUM.

NASTURTIUMS.

Tall or Climbing Varieties.

Beautiful and luxuriant annual climbers, for trellises and arbors; of easiest culture, bearing their gorgeous flowers in profusion until killed by frost. 6 to 10 feet.

	Oz.	*Pkt.*
Tall Rose	20	5
Coccineum. Bright orange scarlet	20	5
Golden Leaved Scarlet. Flowers dark crimson scarlet, foliage yellow	25	5
Flammeum. Scarlet flamed purple	20	5
Heinemanni. Silky bronze chocolate	20	5
Regelianum. Purple violet	20	5
Dunnett's Orange. Rich golden orange, garnet blotches	20	5
King Theodore. Velvety dark crimson, dark foliage	25	5
Scheuerianum. Straw color, splashed crimson, garnet blotches	20	5
Atropurpureum. Dark, rich, velvety crimson	20	5
Schillingi. Pure bright yellow, maroon blotches	20	5
Hemisphaericum. Splendid and distinct; straw color, rosy scarlet blotches	20	5
Luteum. Pure rich yellow, no blotches	20	5
Pearl. Cream white	30	5
Mixed Colors. *¼ lb.*, 50c.; *lb.*, $1.25	15	5

Imported collection of 12 *climbing varieties*, 50 *cts.*

LOBB'S NASTURTIUMS.

(Tropæolum Lobbianum.)

See colored plate, page 60.

The varieties, Mercier Lacomb, Lilli Schmidt, Giant of Battle, Napoleon III., Asa Gray and Ruby-Rose are shown in colors on page 60, and described on page 63.

The leaves and flowers are somewhat smaller than the ordinary Tall Nasturtium (offered above), but their greater profusion renders them superior for trellises, arbors, for hanging over vases, rock-work, etc.; the flowers are of unusual brilliancy and richness; they are also splendid for winter decoration in the greenhouse and conservatory. (*See cut.*)

Brilliant. Rich bright scarlet.....*Pkt.* 10
Triomphe de Gand. Orange scarlet..... 10
Prince Bismarck. Magnificent scarlet, rich and fiery. For trailing from window boxes or vases this is a gem..... 25
Chaixianum. Rich yellow, rosy carmine blotches..... 10
Roi des Noirs. Blackish crimson..... 10
Spitfire. Bright fiery scarlet..... 10
Duc de Malakoff. Distinct rosy crimson..... 10
Tropæolum Lobbianum. Mixed Sorts... 10

Imported collection, Tropæolum Lobbianum, 6 *separate varieties,* 40 *cts.;* 12 *varieties,* 75 *cts.*

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

PANSIES.

HENDERSON'S PANSIES were awarded the highest premium at the World's Columbian Exposition, Chicago, 1893.

HENDERSON'S MAMMOTH BUTTERFLY PANSY.

PANSIES. HENDERSON'S MAMMOTH BUTTERFLY.

A strain of Pansy which for variety and beauty has never been excelled. Of matchless forms, colors and markings, WITH FLOWERS HALF AS LARGE AGAIN as ordinary Pansies. They will both astonish and delight "Pansy Fanciers." *(See cut.)*

Ten types as shown on the colored plate in our manual of "Everything for the Garden" in 1890.

Ebony. Rich velvety jet black with faint violet ring around the blotches.

Peacock. Wine red, margined yellow; blotched with maroon and violet.

Rainbow. Upper petals violet, lower petals red maroon, splashed with gold; all margined with white and pink.

Unique. White ground, each petal blotched with rich violet; an exquisite variety.

Oriflamme. Golden ground color, splashed claret; margined yellow; grand.

Red Wing. Beautiful light wine color with broad white margin, velvety violet blotches.

Masterpiece. Chocolate red, shading to wine red, narrow silver and pink margin.

Golden Crest. Extremely large bright yellow flowers, with three dark blotches. *(See cut.)*

Cinnamon. Velvety red brown, with bright gold splashes, dark chocolate blotches.

Tiger. Violet and Lilac grounds, striped and blotched red, brown, gold, lavender, etc.

Price for any one of above varieties, separate, 25 cts. per packet; any five packets for $1.00; or the entire collection of ten for $1.50.

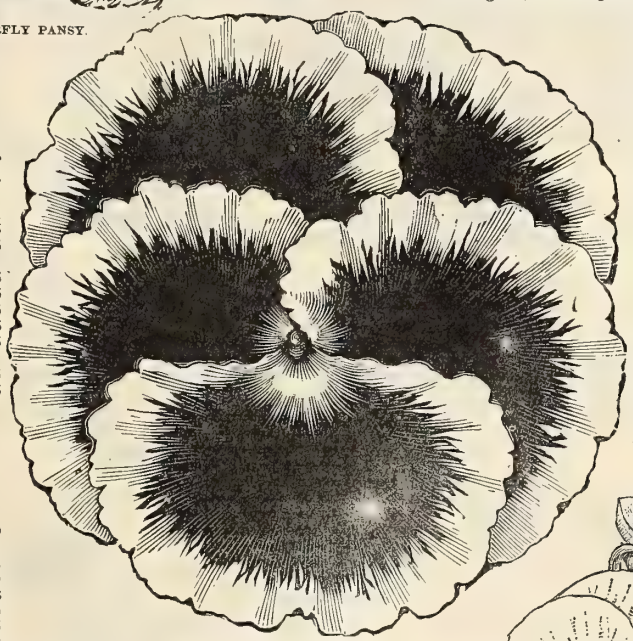
Henderson's New Mammoth Butterfly Pansies in mixed colors, from the above and other equally beautiful varieties—the *grandest mixture* ever offered. Per packet, 25c.

GIANT TRIMARDEAU PANSIES.

These are remarkably large Pansies which for size of flower and robust growth eclipse by all odds any known strain. *(See cut.)*

Giant Striped. Mahogany, striped with yellow..... *Pkt.* 25
Giant Blue. Ultramarine blue, purple eye 25
Giant Golden. Golden yellow, brown blotches..... 25
Giant Black. Magnificent velvety black.. 25
Giant White. White, with blue blotches 25
Giant Purple. Velvety royal purple..... 25
Giant Violet and Gold. Splendid..... 25
Giant Margined. Purple, shaded heliotrope-flower, edged white..... 25
Giant Trimardeau. Mixed Colors... 15

Collection of 8 Giant Trimardeau Pansies for $1.50.



GIANT TRIMARDEAU PANSY.

VARIOUS NAMED PANSIES.

Kaiser Frederick. Large flowers. The ground color is of a deep, rich purple, with an outward margin of yellow and scarlet. A very charming contrast..... *Pkt.* 25
Cardinal. A rich brown scarlet; the brightest red Pansy grown. The three lower petals are marbled with a large dark blotch..... 25
Meteor. A novel and most attractive bright terra cotta color which in the sunlight throws a striking fiery reflex..... 15
Brilliant. Fine red..... 15
Emperor William. Dark blue..... 10
King of the Blacks. Black..... 10
White Treasure. White, blue blotches.. 10
Beaconsfield. Violet, lavender and white 10
Snow Queen. Pure satiny white..... 10
Rex. Deep purple..... 10
Striped ..... *Pkt.* 10
Fire Dragon. Fiery orange and bronze.. 10
Gold Margined..... 10
Bronze 10
Yellow..... 10
Azure Blue... 10
Mahogany..... 10

Imported collection of German Pansies, 6 varieties, 40c.; 12 varieties, 75c.

VARIOUS STRAINS OF MIXED PANSIES.

Henderson's Highland. Mixed Colors. Grown for us by the most celebrated Pansy specialist in Scotland. Their merit consists in *uniformity* of clear, distinct markings, high colors, great substance, perfect form and *largest size*..... *Pkt.* 50
Cassiers Odier or Five Blotched. Mixed Colors. Many beautiful colors; each of the five petals is marked with a large dark blotch..... 25
Bugnot's Large Stained. Mixed Colors. A celebrated French strain of extra large size, choicest colors, and with beautifully broad blotches and delicate pencilings; a very shy seeder; the ground colors are generally white or very light, bringing the elegant and distinctive markings in strong relief 50
German, Finest Mixed..... 10
Good Mixed..... 5

SWEET SCENTED PANSIES.

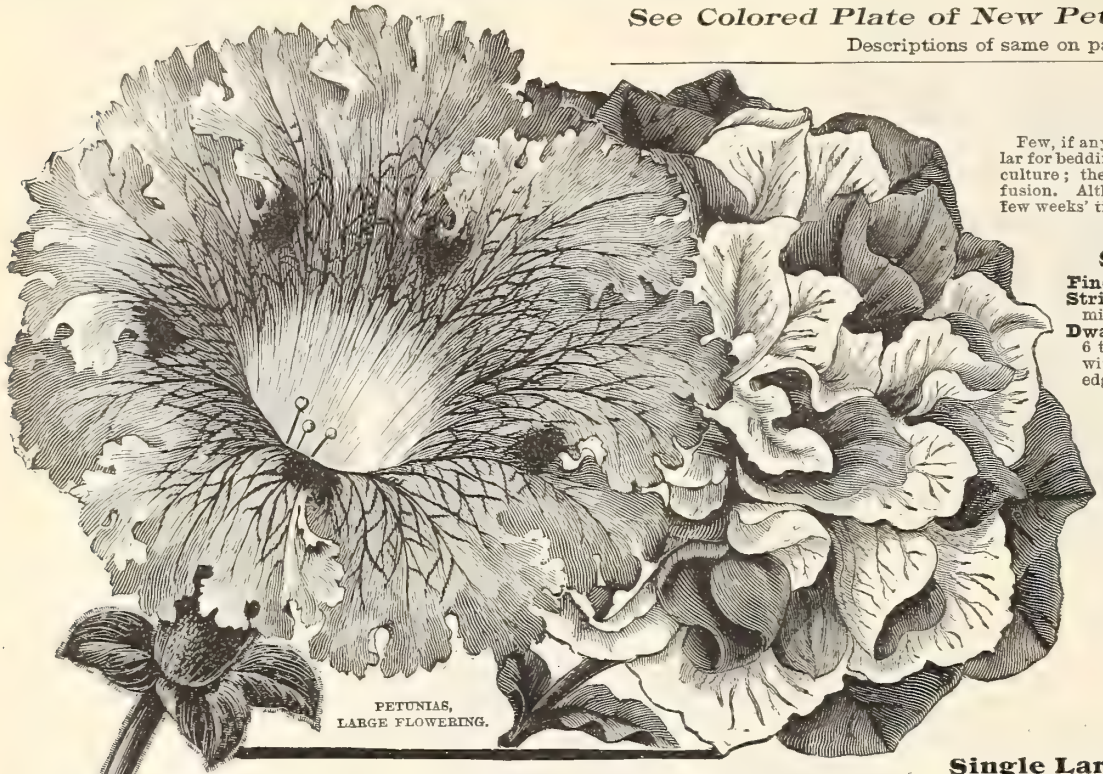
Mixed Colors, 25 cts. per packet.

See Colored Plate, page 60, *and description on page* 63.

HENDERSON'S BUTTERFLY PANSY, "GOLDEN CREST."

For a Complete List of Flower Seeds, see pages 90 to 97.

See Colored Plate of New Petunias on page 62.
Descriptions of same on page 63.



PETUNIAS, LARGE FLOWERING.

PETUNIA.

Few, if any, plants are more deservedly popular for bedding purposes, greenhouse or window culture; they produce showy flowers in profusion. Although perennial, they flower in a few weeks' time from the seed.

Single Petunias.

Fine Mixed. Single. .....*Pkt.* 5
Striped and Blotched. Single, mixed 10
Dwarf Inimitable. Dwarf plants, 6 to 8 in. high; flowers cherry red, with a white centre; splendid for edgings and massing.....10
Petunia, Pink Mound. Compact little bushes, not over a foot high; flowers of a brilliant rosy pink color with a white throat produced in remarkable abundance so as to fairly hide the plant. A veritable "Mound of Pink"..... 15
Diadem. An exquisite variety either for garden decoration or for pot culture. It is wonderfully prolific of bloom; the flowers, about 2½ ins. across, almost hide the plant from view for months; the colors, white and bright carmine, form a pronounced star of admirable effect. The plants form symmetrical oval bushes about 12 in. high. 25

Double Petunias.

Double Large Flowering, Mixed. A magnificent strain, with flowers 3 to 4 inches across, very double and of the most beautiful shades of crimson, white, rose, maroon; blotched, striped, veined, bordered, marked, fringed, etc. (*See cut.*) *Pkt.* 25
Large Double Fringed. Mixed..... 50
Large Double Green Edged. Mixed colors. Each petal edged with green; very unique and beautiful..... 50
Dwarf Double Inimitable. 6 to 8 inches high; small double cherry and white flowers.....35

Single Large Flowering.

Giants of California. (*See page* 63.)
Large Single Fringed, Mixed. Flowers average 4 to 5 inches across, of innumerable shades, colors and markings; all beautifully fringed.....*Pkt.* 25
Large Flowering Single, Mixed. All sorts; striped, blotched, veined, fringed, etc.....20
Steel-Blue, Veined. Large flowering; a beautiful bright steel-blue, intricately veined..... 25
Large Yellow Throated, Mixed. Largest size, and many beautiful colors, each having a deep yellow throat and veins, 35

PHLOX DRUMMONDI.

There can be no stronger proof of the value and beauty of this than the extent to which it is grown. For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer. 1½ ft. high. (*See cut.*) **Mixed Colors.** 50c. per oz....*Pkt.* 5

Large Flowering Phlox.

An improved strain with very large, perfectly round flowers, the petals overlapping each other.

Brilliant Rose. Silvery pink, shading to dark rose; large, glossy, blood crimson eye; grand.....*Pkt.* 10
Chamois Rose. Rich salmon pink; dark orange scarlet eye; fine.....10
Carminea albo-oculata. Exquisite pinkish carmine, with white eye.....10
Coccinea Striata. Bright, rich scarlet, sharply striped white.....10
Violacea albo-oculata. Purple, with white eye.....10
Coccinea. Brilliant scarlet, very rich and bright; a most effective color for bedding.10
Atropurpurea. Deep purplish blood color, rich and velvety; eye, plum purple...10
Alba. Purest white; large round flowers of splendid substance.....10
Albo-oculata. White, with claret eye.....10
Isabellina. Lemon yellow, garnet eye.....10
Kermesina Splendens. Vivid crimson, white eye.....10
Black Brown. The darkest color in Phloxes.....10
Large Flowering, Mixed. Per oz., 75c.....10

Imported collection of 12 separate varieties, 75 cts.; 6 separate varieties, 40 cts.

Dwarf or Nana Compacta Phlox.

These form little round compact bushes about six inches high, thickly studded with flowers; splendid for beds and pot culture.

Dilicata or Sunrise. Beautiful rosy salmon, rosy carmine eye.....*Pkt.* 10
Splendens. Rich blood red, white eye.....10
Atropurpurea. Purplish blood color, fine rich color.....10
Alba nivea. Pure white.....10
Cinnabarina Carminea. Rosy salmon scarlet; fine.....10
Sanguinea (Fireball). Brilliant fire scarlet; splendid for massing and edging...10
Atropurpurea Striata. Purplish blood color, striped white.....10
Leopoldi. Carmine, white eye.....10
Variabilis. Violet and blue.....10 **Dwarf, Mixed** 10

Imported collection of 6 Dwarf Phlox, 50 cts.

Star-Shaped Phlox. *"Star of Quedlinburg."* Flowers are of *regular star-like form.* Plant of compact habit, bearing large umbels of flowers. Mixed colors.....10

Double Flowering Phlox.

This comparatively new class is very desirable, on account of the durability of the flowers, which last much longer in perfection than single Phloxes.

Double Yellow. (*Isabellina fl. pl.*) Lemon yellow.....*Pkt.* 25
Double White.....15 **Double Crimson**.....15 **Double Mixed Colors**.15

HARDY PHLOX.

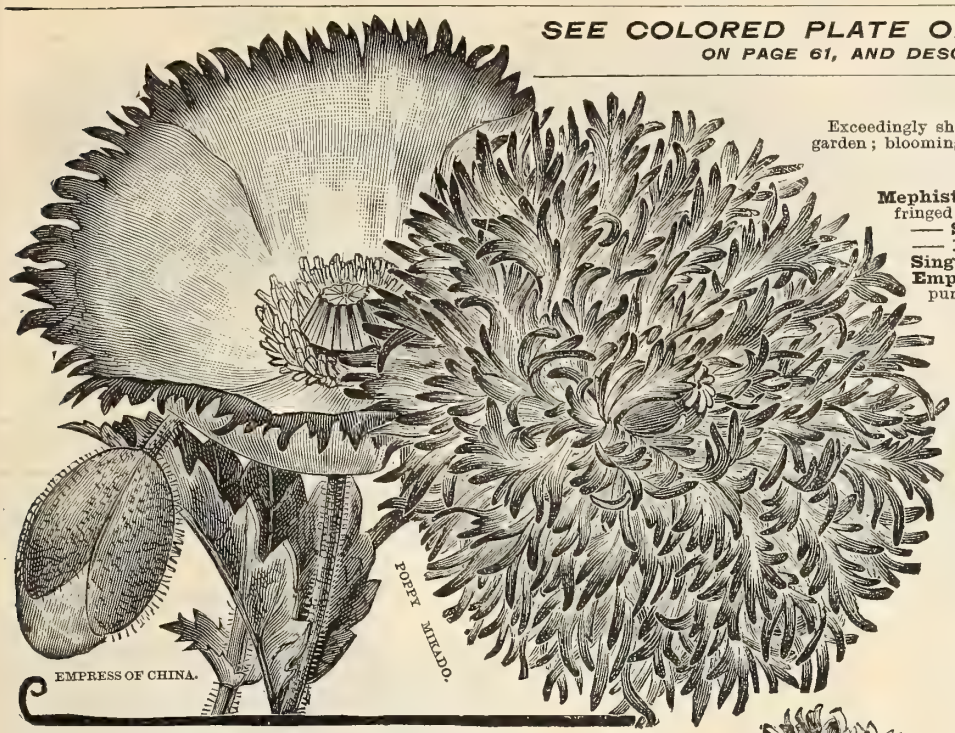
Magnificent hardy flowering plants, growing into strong bushes from 2 to 3 ft. high, bearing immense heads of large waxy flowers of lovely shades of color.

Phlox Decussata. Fine mixed varieties.....*Pkt.* 10
Large Flowering Hardy Hybrids. Mixed..... 25

PHLOX DRUMMONDI, LARGE FLOWERING.

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

SEE COLORED PLATE OF 6 GORGEOUS POPPIES
ON PAGE 61, AND DESCRIPTIONS ON PAGE 63.



EMPRESS OF CHINA.

POPPIES.

Exceedingly showy annuals, making a gorgeous display in the flower garden; blooming lavishly.

Single Annual Poppies.

Mephisto Poppies. Extra large single flowers, with deeply fringed edges. 3 feet.
— **Scarlet,** with purple centre.....*Pkt.* 10
— **Rose,** with white centre..... 10
Single Mixed Poppies. Annual sorts..... 5
Empress of China. Flowers 4 to 5 inches across, of pure satiny white with a distinct feathered margin of scarlet. Height about 2 feet. (*See cut.*)..... 15
Armenian Tulip Poppy. (*Papaver glaucium.*) A new species 12 to 14 inches high, each plant producing 50 to 60 vivid scarlet flowers. The two outer petals form a saucer surrounding two erect petals, giving a very unique and handsome appearance of scarlet Tulips..... 10
Flag of Truce. Satiny, white flowers, three to four inches across..... 10
Danebrog. Large, bright scarlet, with a white cross in the centre..... 5
Umbrosum. Rich vermilion, with a black spot on each petal..... 5
English Scarlet. The common field Poppy of Britain; bright, dazzling scarlet..... 5
Peacock Poppy. Vivid cherry scarlet with a glossy black zone near the centre..... 10
Fire Dragon. Flowers four inches across, of brilliant scarlet, with black spots margined white..... 10
Californica. A new California Poppy. It grows about one foot high; flowers 2 inches across, of a pinkish orange, with a sulphur yellow centre.. 15
Shirley. The absence of black blood gives them their wonderfully light, bright tissue-paper-like appearance. The colors range from purest white through pinks of all shades to growing scarlet, but a scarlet without black. Some are red with white edges, and others veined and streaked and flaked from the centre toward the edges in the most charming confusion. Mixed colors. (*See cut.*). 10
Imported collection of single annual Poppies, 6 separate varieties, 30c.

Iceland Poppies. (*Papaver nudicaule.*) The fragrant elegant crushed-satin-like flowers are produced in never-ceasing succession from the beginning of June to October. The flowers last quite a week if cut as soon as open.
Bright Yellow.... 10 **Vivid Scarlet**..... 10
Pure White..... 10 **Gold Tinged,** crims'n 10
Mixed Colors..... 10 **Rose Colored**..... 25
Collection of 5 separate varieties Iceland Poppies, 50 cts.

Double Poppies.

New Double Scarlet Iceland Poppy. (*Papaver nudicaule coccineum fl. pl.*) This new variety bears extremely double orange scarlet flowers. 25
Double French Ranunculus Flowered Poppies, Mixed Colors..... 5
Imported collection of Double French Ranunculus Poppies in 6 separate varieties, 25 cts.

Double Umbrosum. Dwarf branching plant, throwing up numerous good sized very double flowers of rich vermilion scarlet, with black blotches at the base. (*See cut.*)..... 10
Japanese Pompone, Mixed Colors. Plants grow 1 foot high, bearing great numbers of small very double beautiful flowers in a great variety of colors..... 10

Double Flowering Poppies.

Carnation Flowered.

A magnificent class, 2 to 2½ feet high; large globular flowers often a foot in circumference; the petals are finely slashed and fringed.

Eider-Down. Sturdy plants 1½ to 2 ft. high; flowers like great round balls of eider-down, as white as snow, the edges of the petals being deeply pinked or slashed..... *Pkt.* 10
Mikado. Large double flower; pure white with fringed edges of crimson scarlet. (*See cut.*).... 10
Fairy Blush. Large double fringed flowers; white tipped with rose..... 10
Crimson Pink. Rich..... 5
Chamois Pink. Exquisite..... 5
Brilliant Scarlet.... 5 **Pure White**..... 5
Dark Heliotrope.... 5 **Soft Lavender**... 5
Bright Coppery Rose 5 **Claret Purple**... 5
Bright Pomegranate Red..... 5
Light Yellow..... 5
Crimson, striped and tipped white..... 5
Garnet and Purple..... 5
Mixed Carnation Flowered. Many colors.. 5
Imported collection of Carnation Flowered Poppies, 8 separate colors, 30 cts.; 12 separate colors, 50 cts.

For Hardy Perennial Poppies, see "Complete List," pages 90 to 97.

DOUBLE UMBROSUM POPPY.

Pæony Flowered Poppies.

A magnificent class; immense double flowers, in form resembling Pæonies.

The six gorgeous Poppies for 50 cts. shown on colored plate, page 61, are Pæony flowered varieties (see description on page 63).

Rosy Pink.....*Pkt.* 5
Black Knight. Rich black maroon..... 10
Carmine Rose..... 5
Rosy Crimson..... 5
Dark Crimson Scarlet 5
Dark Salmon Pink.... 5
White, Striped Scarlet. Large double flowers, striped with fiery scarlet on satin white... 10
Chamois Rose. Large; perfect ball-shaped flowers..... 10
Double Pæony Flowered Poppies, Mixed. 5
Imported collection of Double Pæony Flowered Poppies.
8 *separate colors*..... 30
12 *separate colors*..... 50

SHIRLEY POPPIES.

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

PORTULACA.

Brilliant dwarf annuals, only 6 inches high, luxuriating in warm situations, and blooming profusely from early summer to autumn. For low beds and masses of color, from spring until frost, they are indispensable; colors range through innumerable shades of red, yellow, pink, striped, white, etc.

Single Mixed. (Per oz., 40c.).....*Pkt.* 5

Double Varieties.

These make perfectly gorgeous masses of color; the flowers of the double sorts remain open all day.

Yellow Striped Crimson..*Pkt.* 15 **Scarlet**....*Pkt.* 15
Rose Striped Carmine..... 15 **Sulphur**..... 15
White..... 15 **Rose**..... 15
Large Flowering, Double Mixed. (Per ⅛ oz., $1.00)..... 10

Imported collection of 6 separate double sorts, 60 cts.

DOUBLE PORTULACA.

RICINUS.

(*Castor-Oil Plant.*)

Large, luxuriant, rapid-growing foliage annuals, with palm-like leaves; much used for sub-tropical effects on the lawn, or for centres of beds of foliage plants.

Cambogiensis. Leaves of a bronzy maroon, with large red veins; stems ebony black. (*See cut.*).....*Pkt.* 10
Borboniensis. 15 ft. Immense foliage..... 5
Gibsonii. 6 ft. Dark purplish red foliage and stems.. 5
Obermanii. 8 ft. Light red foliage..... 5
Communis. Green foliage. 6 ft..... 5
Finest Mixed..... 5

Imported collection of 8 separate Ricinus, 30 cts.

SALVIA.

One of our handsomest summer and autumn flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers; very effective for massing on the lawn and for garden decorations; perennials, but bloom first season from seed.

Coccinea Lactea. Pure milk white. Height, 2 ft..*Pkt.* 10
Patens. Bright blue..... 20
Splendens. (Scarlet Sage.) Scarlet..... 10

SCABIOSA.

(*Sweet Scabious.*)

The "Mourning Bride" of our old gardens, but much improved in size, colors and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc. They are very effective for garden decoration, and equally valuable for cutting purposes.

Mixed Dwarf Double. 1 ft.....*Pkt.* 5

Imported collection of 6 different colors, 25 cts.

Leviathan Scabiosa.

Many of the flowers measure six to nine inches in circumference, and double clear to the centre, having long stems.

"Royal Purple." Rich claret color.....*Pkt.* 10
"Snowball." Large pure white..... 10
"Beaten Gold." (Aurantiaca.) New and novel color, a beautiful golden yellow..... 10
Maxima Plena, Mixed. New, large flowering tall double sorts..... 5
Caucasica. One of the handsomest of hardy perennials, forming a spreading and dense plant, 2 to 3 feet high, thriving well in ordinary garden soil, and should be grown by every one, if only for its flowers for cutting, as they last a long time in water, and their peculiar, soft lilac blue shade is charming..... 10

RICINUS CAMBOGIENSIS.

CHINESE PRIMROSE.

CHINESE PRIMROSES.

We were awarded the highest premium at the World's Columbian Exposition, Chicago, 1893, on Chinese Primroses.

The "Chinese Primrose" is a great favorite for the house or conservatory. The foliage is pretty and attractive, and the flowers 1½ to 2 inches across, borne in clusters of from 25 to 50, of perfectly charming colors and borne all through the winter and spring. One of our best pot plants. (*See cut.*)

Single Fringed Varieties.

White.....*Pkt.* 35
Carmine. Yellow eye..... 35
Scarlet. Sulphur eye..... 35
Striped..... 35
Red..... 35
Spotted. White and crimson..... 35
Alba Magnifica. The finest pure white; flowers 2¼ inches across..... 50
Mixed Large Flowering, Fringed.. 35
Fern-leaved, Mixed. Foliage long and Fern like..... 35
Fine Single Mixed Colors (*not fringed*). 15

Double Fringed Varieties.

Double Red.....*Pkt.* 50
Double White..... 50
Double Mixed Sorts..... 50
Cristata Nana. A dwarf, semi-double variety, snow-white flowers; very profuse 35

Other Greenhouse Primroses.

Obconica. Flowers pale lilac, borne in umbels on long stems; delicately fragrant; in pots it will flower continuously for the greater portion of the year; plant dwarf and compact, 6 to 12 inches high.....*Pkt.* 15
Floribunda. Foliage deep green, stems of both leaves and flowers red, making a charming contrast to the whorls of bright yellow flowers borne during the autumn and winter months..... 20

For Hardy Primulas, see "Complete List," pages 90 to 97.

SALPIGLOSSIS.

(*Painted Tube Tongue.*)

One of the most beautiful of flowering annuals, forming strong bushy plants about 18 inches high, and bearing throughout the season large flowers 3 to 4 inches across, of many beautiful colors, all exquisitely veined and laced. (*See cut.*)

Large Flowering, Mixed. *Pkt.* 5

The Orchid Salpiglossis.

"Purple and Gold." Rich velvety purple, exquisitely veined and feathered with yellow or gold.....*Pkt.* 15

Imported collection of 6 separate sorts, 35 cts.

SALPIGLOSSIS.

For a Complete List of Flower Seeds, see pages 90 to 97.

STOCKS OR GILLIFLOWERS.

Dwarf Large Flowering Double Ten Weeks.

These well-known favorites require no description; they are indispensable to all lovers of flowers; the "Stocks of to-day" are greatly superior to the old types, the flowers being much larger and extra double.

Pure White.....*Pkt.* 10
Canary Yellow..... 10
Sky Blue..... 10
Blood Red..... 10
Lavender..... 10
Violet..... 10
Buff Pink, yellow centre..... 10
Chamois, lovely color..... 10
Mahogany (red chestnut)..... 10
Bright Rose..... 10
Copper Red..... 10
Carmine Rose..... 10
Double Mixed, Large Flowering..... 10
Wall Flower Leaved, Mixed. Double..... 10

Double Ordinary, Mixed. 10 Weeks Stock. 5
Dwarf Pyramidal, Mixed. Beautiful sort..10
Snowflake. A beautiful dwarf-growing variety; very large double snow-white flowers; very early, ... 15
Cut and Come Again. About 2 feet high; it produces from spring to late in the fall pure white, beautifully shaped double flowers. It throws out numbers of side branches, each of which bears a cluster of blossoms, and the oftener they are cut the better they seem to like it. (*See cut.*)..... 10

HENDERSON'S COLOSSAL TEN WEEKS STOCKS.

Henderson's New Colossal Ten Weeks Stocks.

This magnificent strain is without a rival for open ground planting, attaining a height of 2½ feet. The spikes of bloom are very long and the individual flowers are enormous in size and very double.

El Dorado. Bright sulphur yellow.....*Pkt.* 15
Rosy Morn. Delicate rosy flesh..... 15
Mount Blanc. Purest white..... 15
Grand Rouge. Brilliant crimson..... 15
Aurora. Shining copper red.....*Pkt.* 15
Blue Bells. Pretty shade of blue..... 15
Collection of above 6 varieties..... 75
Colossal Stocks, Mixed Colors. (*See cut.*). 15

New "Victoria Bouquet" Stocks. A new strain of Ten Weeks Stocks of great beauty, which are entirely distinct from all other Stocks. Each plant forms a perfect pyramidal bouquet, the main flower stem rising a few inches above the side branches, all of which bear large spikes of very double flowers. We offer the following separate colors:

Grand White. Snow-white.....*Pkt.* 15
Red Dome. Dark blood-red..... 15
Pink of Perfection. A beautiful rose pink... 15
Mammoth White Column Stock. The plant is of luxuriant growth, attaining in the open ground a height of 3 feet and producing only a single long and sturdy spike of bloom, closely furnished with enormous, faultlessly formed double flowers of the purest possible white..... 15
Pigmy Queen Ten Week Stocks. A valuable new introduction. The plants grow not over 9 inches high, of compact branching habit, producing numerous umbels of large, double, rich dark blood-red flowers..... 15

Tree or Giant Ten Weeks Stocks. Strong growers, bearing very large and very double flowers on tall stems, way above the foliage, splendid for cutting purposes. Mixed colors.....*Pkt.* 10

Intermediate Stock.

(*Autumn Flowering.*)

Double Mixed. Including many sorts...*Pkt.* 10

Biennial Stock.

Brompton, Finest Mixed. Large flowering double.....*Pkt.* 10
Emperor, or Perpetual, Mixed. Large flowering double, frequently lasts for several years if protected..... 10

Imported Collections of Stocks.

German Ten Weeks, Large Flowering Dwarf. In 12 separate colors, 75 cts.; in 6 separate colors. 50
Dwarf Pyramidal. In 6 separate colors..... 50
Emperor. In 6 separate colors..... 50
Intermediate. In 6 separate colors..... 50
Brompton or Winter Flowering. In 12 separate colors.....*Per collection* 75

STOCK, HENDERSON'S "CUT AND COME AGAIN."

SUNFLOWER.

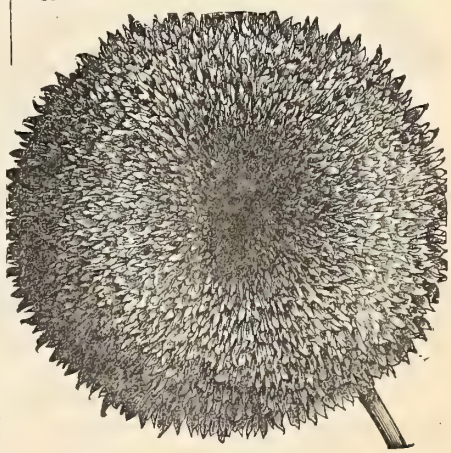
Stately growing annuals with immense golden yellow flowers; effective for garden decoration. (*See cut.*)

Single Varieties.

Macrophyllus Giganteus. A branching pyramidal shaped plant; yellow; 6 feet.....*Pkt.* 5
Miniature Sunflower. Of dwarf branching habit, bearing many little flowers; orange with black centre; 3 ft..... 5
Oscar Wilde. Orange and black..... 5
Silver Leaved. Silvery foliage; flowers yellow and black, very beautiful..... 5
Giant Russian. Flowers 18 to 20 inches across; grown principally for the seeds..... 5
Sulphur Gem. Very branched, each branch bearing flowers of a delicate sulphur-yellow with a black centre. The flowers are borne from within two feet of the ground to the summit, and come out in succession until killed by frost.....10

Double Varieties.

Californicus fl. pl. Large double orange. *Pkt.* 5
Globosus Fistulosus. Perfectly round flowers; very double; saffron; 6 ft. (*See cut.*)..... 5
Oculatus Viridis. Double yellow flowers, with green centre; 4 ft..... 5
Peruvianus. Double orange, striped black... 10



SUNFLOWER, GLOBOSUS FISTULOSUS.

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

SWEET PEAS.

See Colored Plate, page 59.

"Emily Henderson," THE QUEEN OF WHITE SWEET PEAS. *Described on page 58.*

No praise is needed for these lovely, deliciously perfumed annual climbers, further than to state that they have become unusually popular. They are now "the fashionable flower." 4 to 6 ft. high. *(See cut.)*

*The varieties prefixed with an * are Eckford's large flowering hybrids. When properly grown are nearly double the size of the ordinary varieties, generally of round and hooded form; they present combinations in markings and colors heretofore unknown in this exquisite flower.*

"EMILY HENDERSON."

See description on page 58, and colored plate, page 59.

WHITE VARIETIES.

Emily Henderson. *(See colored plate and page 58.)* Oz., 50c.; pkt., 15c.
***Mrs. Sankey** (black seeded white). Large bold flower, pure white excepting standards, which are faintly flushed; tall grower. Pkt., 10c.
***Queen of England.** Yellowish white, large flower. Pkt., 10c.
White. The well-known common variety. Oz., 20c.; pkt., 5c.

BLUSH WHITE VARIETIES.

Fairy Queen. White, of a pinkish tinge slightly feathered crimson. Oz., 15c.; pkt., 5c.
Crown Princess of Prussia. White, suffused with pink. Oz., 20c.; pkt., 5c.
***Delight.** White, flushed rosy pink, delicious and distinct fragrance. Pkt., 10c.
***Isa Eckford.** Creamy white, suffused rosy pink. Pkt., 10c.
***Lemon Queen** (new). Delicate blush, standards faintly tinted lemon, wings almost white; grand large flower. Pkt., 25c.

PINK AND WHITE VARIETIES.

Blanche Ferry. *(See colored plate and page 58.)* Oz., 15c.; pkt., 5c.
Painted Lady. Standards rosy pink, wings blush white. Oz., 15c.; pkt., 5c.

SOFT PINK VARIETIES.

***Mrs. Gladstone.** *(See colored plate and page 58.)* Pkt., 10c.
Princess Beatrice. Warm blush pink, a shade deeper than above; a most charming and desirable variety of fine form. Oz., 20c.; pkt., 5c.
***The Queen.** Rosy pink, shaded with lavender. Pkt., 10c.

DEEP OR CARMINE PINK VARIETIES.

Adonis. Deep carmine rose, tall grower, profuse bloomer. Oz., 15c.; pkt., 5c.
***Apple Blossom.** Bright rosy pink standards, blush wings. Pkt., 10c.
***Princess Victoria.** *(See colored plate and page 58.)* Pkt., 10c.

CRIMSON VARIETIES.

***Splendour.** Standards coppery crimson, wings of lighter shade tinged magenta. Pkt., 10c.
***Her Majesty.** *(See colored plate and page 58.)* Pkt., 10c.
***Duchess of Edinburgh.** Standards orange scarlet, wings rosy crimson. Pkt., 10c.

SCARLET VARIETIES.

Invincible Scarlet. Wine red and crimson scarlet. Oz., 15c.; pkt., 5c.
Invincible Carmine. Standards rich blood crimson, carmine scarlet wings; grand large flowers of fine form. Oz., 20c.; pkt., 5c.
***Cardinal.** *(See colored plate and page 58.)* Pkt., 10c.
***Firefly** (new). Intense brilliant carmine scarlet. Positively the finest and brightest red grown. A self-color. Pkt., 25c.

ORANGE AND CHAMOIS PINK VARIETIES.

***Orange Prince.** *(See colored plate and page 58.)* Pkt., 10c.
***Rising Sun.** Rosy orange suffused with carmine, wings shading off to blush white. Pkt., 10c.
***Venus** (new). Chamois rose, most distinct and beautiful. Pkt. of 12 seeds, 50c.
Bronze King (new). Standards distinct coppery bronze, wings white. Pkt., 15c.

YELLOW VARIETIES.

***Primrose.** *(See colored plate and page 58.)*
***Mrs. Eckford** (new). The best yellow to date; large, handsome self-colored flowers, delicate sulphur yellow a shade deeper than primrose. Pkt., 25c.

WHITE AND LAVENDER.

Butterfly. *(See colored plate and page 58.)* Oz., 15c.; pkt., 5c.
Captain Clark. Ground color entire flower white, standards flushed with claret and wings with heliotrope, indigo blue edge. Oz., 15c.; pkt., 5c.

HELIOTROPE AND LAVENDER VARIETIES.

***Countess of Radnor.** *(See colored plate and page 58.)* Pkt., 10c.
***Dorothy Tennant.** *(See colored plate and page 58.)* Pkt., 10c.
Princess May (new). A delicate shade of pale heliotrope or lavender. Pkt., 35c.

BLUE VARIETIES.

***Captain of the Blues.** *(See colored plate and page 58.)* Pkt., 10c.
***Imperial Blue.** Blue shaded heliotrope; very distinct. Pkt., 10c.

PURPLE AND MAROON VARIETIES.

***Boreatton.** *(See colored plate and page 58.)* Pkt., 10c.
***Purple Prince.** Standards purple, wings maroon purple; profuse. Pkt., 10c.
Purple Black. Standards black purple, wings maroon purple. Oz., 15c.; pkt., 5c.

DARK PURPLE AND INDIGO VARIETIES.

***Indigo King.** *(See colored plate and page 58.)* Pkt., 10c.
***Monarch.** Standards dark maroon, wings deep blue. Pkt., 10c.

STRIPED RED AND WHITE.

Red Striped. Standards bright crimson striped white, wings wine red striped white. Oz., 15c.; pkt., 5c.
Invincible Striped. White ground color watered crimson scarlet, wings watered purplish red. Oz., 20c.; pkt., 5c.
***Queen of the Isles.** *(See colored plate and page 58.)* Pkt., 10c.
***Gaiety.** White ground striped and flaked dark rosy lilac, white predominating; distinct and beautiful. Pkt., 25c.

STRIPED BLUE, PURPLE AND WHITE.

Black Brown Striped. Standards dark garnet striped white, wings wine purple striped white. Oz., 15c.; pkt., 5c.
***Senator.** *(See colored plate and page 58.)* Pkt., 10c.
***Princess of Wales.** Standards striped white and blue, wings heliotrope and white striped. Pkt., 10c.

CLARET AND PURPLE SPOTTED.

Vesuvius. Standards purplish claret, spotted and veined maroon, wings deep blue. Oz., 15c.; pkt., 5c.

SWEET PEAS, MIXTURES AND COLLECTIONS.

MIXED SWEET PEAS. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 75c. *Collection of 6 named varieties, 25c.; 12 named varieties, 50c.*
ECKFORD'S NEW LARGE FLOWERING. Pkt., 10c.; oz., 20c.; 1-4 lb., 50c.; lb., $1.50. *Collections of Eckford's 6 named varieties, our selection, 40c.; 12 named varieties, our selection, 75c.*

SWEET WILLIAM.

(*Dianthus Barbatus.*)

Hardy plants about 1 foot high, of extreme richness and variety of color, and also deliciously sweet-scented; for clumps or borders no plant can surpass this old favorite.

Henderson's Perfection, Single Mixed. Large flowering. Extra choice..... *Pkt.* 10

Single Mixed 5

Double Mixed... 5

Henderson's Perfection, Double Mixed. Large flowering. Extra choice 15

Imported collection of 6 separate sorts, 30 cts.

VERBENA.

For garden beds or massing the Verbena is unrivaled; flowers of the most brilliant colors, blooming continually from spring until late in the autumn. Although perennials, these form luxuriant plants and bloom profusely the first season from seed.

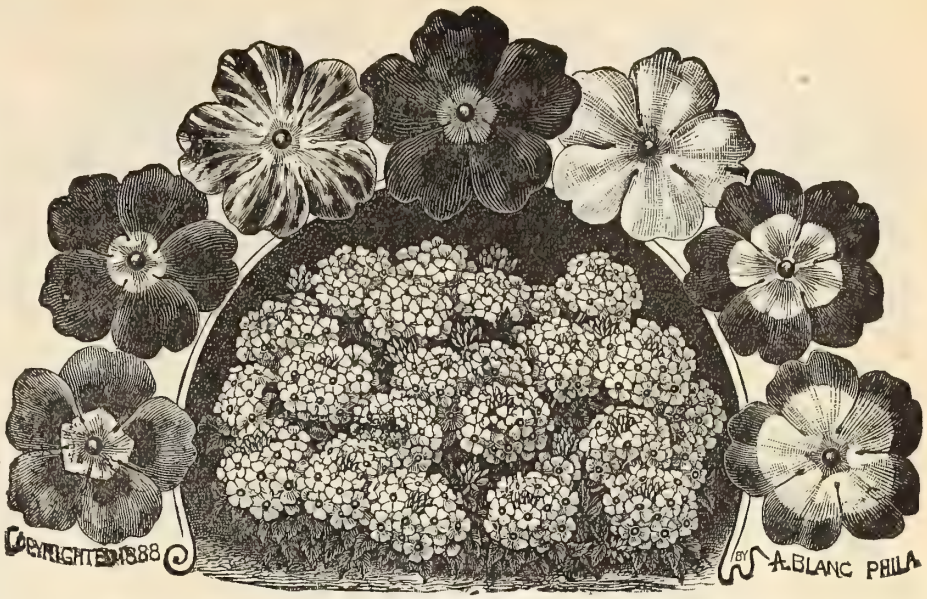
Pure White....*Pkt.* 10 **Striped Varieties**.. 10

Bright Scarlet..... 10 **Blue Varieties**..... 10

Fine Mixed..... 5

New Golden-leaved Verbenas. Flower the same as the ordinary, colors ranging through various shades. The **golden yellow** foliage is very effective. Mixed colors..... 15

Henderson's Mammoth Verbenas. This distinct and beautiful race originated with, and was first introduced and named by us "Mammoth." The average trusses measure 9 to 12 inches in circumference, and the individual florets on properly grown plants over 1 inch across—or larger than a 25c. silver piece. They bloom freely, are vigorous in growth, and contain all of the beautiful new colors and shades. (*See cut.*) Mixed colors, 10



HENDERSON'S MAMMOTH VERBENAS.

ZINNIAS.

For gorgeous summer and autumn display there is nothing that can equal in effectiveness the improved dwarf, compact growing, large flowering Zinnias; growing only 2 feet high and bearing flowers of immense size, perfectly double, showing no centre, and as perfect in form as Dahlias.

Henderson's Zebra. First named and introduced by us. The flowers are perfect in shape, of all colors, such as orange, crimson, pink, yellow, violet, rose scarlet, white, etc., three-fourths of which are striped, spotted and blotched with different shades, hardly any two plants producing flowers alike. (*See cut.*) Mixed colors..... *Pkt.* 10

Large Flowering, Double Dwarf Zinnias.

Double White.....*Pkt.* 5 **Double Orange**.....*Pkt.* 5

Double Scarlet..... 5 **Double Canary** 5

Jacqueminot. Rich, deep velvety crimson, exactly the shade of the famous "Jack" rose..... 10

Dwarf Double Mixed..... 5

Imported collection of 6 separate varieties, 25 cts.

Tall Double Mixed. Old type, tall..... 5

Double Pompone. Long, cone-shaped flowers; pretty. Mixed colors..... 10

Elegans Tom Thumb, Double Mixed. Compact bushes, not over 12 inches high by about 14 inches in diameter..... 10

Mammoth Flowering. (*Zinnia grandiflora plenissima fl. pl.*) The plant forms a handsome bush 3 feet in height, and the mammoth, perfectly formed double flowers, measuring 5 to 6 inches across, of most intense and brilliant colors, comprising new and rich hues. (*See cut.*) Mixed colors..... 10

Pigmy Mexican. (*Zinnia Haageana pumila fl. pl.*) A novelty of decided merit. The plants are of candelabra form, close and vigorous in habit, and are nearly covered with pretty flowers of an intense orange yellow... 10

"Mosaic." Very unique—a dwarf-growing Zinnia, the foliage of which is grotesquely marbled and spotted with golden yellow. *To bring out the characteristic variegation strongly the plants should be grown in rather poor soil.* The flowers are large, double and of the usual variety of colors 15

Henderson's "Curled and Crested" Zinnias.

NEW, ODD AND SUPERB.

Petals Twisted, Curled and Crested into Fantastic Contortions and Graceful Forms. A magnificent Variety of Colors.

See description, page 64.

Per packet, 15 cts.

MAMMOTH FLOWERING ZINNIA. ZEBRA ZINNIAS.

FOR A COMPLETE LIST OF FLOWER SEEDS, SEE PAGES 90 TO 97.

Ampelopsis Veitchii.

Standard Varieties of Flower Seeds too well known to need Extended Description.

FLOWER SEEDS.

THE CHARACTERS WHICH PREFIX THE FLOWER SEEDS HERE OFFERED INDICATE ANNUAL, BIENNIAL OR PERENNIAL, AND HARDINESS.

ANNUALS grow from seed, flower and die in one year.

- |A *indicates hardy annuals, which can be sown in the open ground.*
- Ā *indicates annuals, which should be started in the house, conservatory or hot-bed and transplanted in the garden in settled warm weather.*

BIENNIALS grow from seed one year, bloom and die the next, though some varieties bloom the first season when sown early. As a rule, they are sown from June to August to flower the succeeding season.

- |B *indicates hardy biennials, which can remain outside all winter.*
- [Bf] *indicates biennials, which should be sown in a frame or cool house and kept there all winter, being transferred to the garden in spring after danger from frost.*

PERENNIALS last for several years, blooming annually after the first season, though some varieties will bloom the first season if sown early.

- |P *indicates hardy perennials that can remain in permanent situations in the garden.*
- [Pw] *indicates perennials, which require to be grown in a greenhouse or window during the winter, transferring the plants to the garden in summer.*
- [P] *indicates perennials that require greenhouse or window culture.*
- [Pf] *indicates perennials requiring the protection of a cold frame during the winter.*
- § *indicates a climber.*

Per pkt.

|P § **Abobra viridiflora.** A pretty climber, dark green foliage, small flowers followed by scarlet fruits, 10 ft. .... 5c.

|A **Abronia.** Charming trailers for vases, rock-work etc., succeeding well in the garden border; bearing large trusses of fragrant flowers.
arenaria, lemon yellow, ¾ ft., 10c. **umbellata,** rosy pink, ¾ ft. 5c.

[Pw] **Abutilon, mixed** ("Flowering Maple"). Large bell-like flowers, red, white, rose, orange, etc., richly veined; strong growers, flowering continually; suitable for house in winter and garden in summer, 2 to 4 ft. 15c.

[Pw] **Acacia, mixed.** Decorative greenhouse shrubs with elegant foliage; flowers yellow, white or red, 3 to 6 ft. .... 10c.

|P **Acanthus latifolius.** An ornamental foliage plant, with large handsome leaves, fine for tropical effects, 3 ft .... 10c.

|P **Achillea Ptarmica fl. pl.** Double white flowers, borne profusely, summer and autumn; fine for cutting; useful border plant, 1 to 2 ft. 10c.

[P] **Achimenes, mixed.** Profuse summer blooming plants for conservatory or window; many charming colors, 1 ft. .... 25c.

|P **Aconitum napellus** ("Monk's Hood"). Free growing plant for borders; dark blue flowers on tall spikes, 4 ft. .... 5c.

|A **Acroclinium.** Free summer flowering plants for garden decoration, the flowers dry as "everlastings" for winter bouquets, 1 ft.
Single, mixed. White and rose, 5c. **Double flowering, mixed** 10c.

|B § **Adlumia cirrhosa** ("Mountain Fringe" or "Allegheny Vine"). Charming climber; feathery foliage, rose colored flowers, 15 ft. ... 10c.

Adonis. Ornamental garden plants of easy culture, flowering freely, graceful feathery foliage.
|A **æstivalis** ("Flos Adonis"). Crimson, 1 ft. .... 5c.
|A **autumnalis** ("Pheasant's Eye"). Blood red, black eye, 1 ft. .... 5c.
|P **vernalis** ("Hardy Yellow Adonis"). Large yellow flowers produced in early spring, ⅔ ft. .... 5c.

|P **Æthionema grandiflora.** Spreading bushy plant for the border, with spikes of rose colored flowers, 1½ ft. .... 10c.

|A **Ageratum.** (*See page* 69.)

|A **Agrostemma, mixed** ("Rose Campion," "Flos Jovis"), etc. Showy flowers of various colors borne freely, fine for beds, 1 to 2 ft. .... 5c.

|A **Alonsoa, mixed.** Various colored flowers of curious shape, very desirable for borders, 1½ to 2 ft. .... 5c.

|A **Alyssum.** (*See page* 69.)

|A **Amaranthus.** (*See page* 69.)

|A **Ammobium alatum grandiflorum.** Pure white "everlasting" flowers; a fine summer blooming border plant, 2 ft. .... 5c.

|P § **Ampelopsis Veitchii** ("Boston or Japan Ivy"). Valuable hardy climber; clinging to walls of wood, brick or stone; foliage dense, of glossy green, changing to red and yellow in autumn, 30 ft. .... 10c.

|A **Anagallis, mixed.** Lovely dwarf summer flowering plants; effective as edgings and beautiful as pot plants, ½ ft. .... 5c.

|P **Anchusa italica.** Intense blue flowers in large panicles; fine hardy plant for permanent situations, 3 ft. .... 5c.

|P **Anemone coronaria, mixed.** Large saucer-shaped flowers of many colors; showy hardy plants, 1 ft. .... 5c.

[Pw] **Angelonia grandiflora.** Beautiful for pot culture; fine spikes of sweet-scented blue flowers; elegant for beds .... 10c.

[Pw] § **Antigonon leptopus.** Rosy carmine flowers in long spikes; magnificent climber for warm greenhouse, doing well outside in summer. 10c.

Per pkt.

[Pf] **Antirrhinum** ("Snapdragon"). (*See page* 69.)

|P **Aquilegia, or Columbine.** (*See page* 69.)

|P **Arabis alpina.** Valuable dwarf hardy plant, flowering in early spring, pure white, ¾ ft. .... 10c.

[Pw] **Aralia Sieboldii.** Luxuriant decorative plant for house culture in winter and lawn in summer; large green palm-like leaves, 2 to 4 ft. 15c.

|A § **Argyreia tiliæfolia.** Magnificent climber of rapid growth, large heart-shaped leaves; flowers large, white and violet, 50 ft. .... 15c.

|A **Argemone.** Remarkably effective garden plant; flowers large and showy, foliage striking.
grandiflora. White, 2 ft., 5c. **Hunnemanni.** Yellow, 2 ft. .... 5c.

|P **Armeria maritima** ("Sea Pink"). Dwarf hardy plants, splendid for edgings, growing in any soil; pink flowers in ball-like heads .... 10c.

|P § **Aristolochia Sipho** ("Dutchman's Pipe Vine"). Rapid, luxuriant hardy climber; large leaves, making dense shade; flowers yellow and brown, mottled and curiously shaped, 30 ft. .... 10c.

[Pw] § **elegans.** An attractive greenhouse climber, doing well outside in summer; grows rapidly from seed and flowers the first season; novel flowers of white, purple and brown veined .... 10c.

|A **Arnebia cornuta.** Beautiful for garden, forming spreading bushes full of bloom the whole summer, yellow with maroon spots, changing to clear yellow in two or three days, 1¼ ft. .... 25c.

|P § **Asparagus Broussoneti.** Beautiful hardy perennial climber, growing 10 ft. high; feathery foliage and scarlet berries; in the autumn this is very ornamental .... 10c.

[P] § **plumosus nanus.** A greenhouse climber, with exquisitely graceful and feathery lace-like foliage; extensively grown by florists for cutting purposes. Per packet of 5 seeds .... 25c.

|P **Asperula odorata** ("Sweet Woodruff"). Very pretty dwarf hardy plant, much esteemed for its delightful odor, which, when wilted, is much like new-mown hay, and when kept among clothes imparts an agreeable perfume to them. Flowers white .... 5c.
|A **azurea setosa.** Charming light blue; a neat annual, 1 ft. .... 5c.

|A **Asters, Annuals.** (*See pages* 70 *and* 71.)
|P **New hardy** ("Dwarf Pyramid"). Single-flowering hardy Asters; favorites for permanent garden establishment; compact, pyramidal bush; flowers white, rose, lilac, clear blue, deep blue, etc. .... 15c.

[Pf] **Auricula** (Primula auricula). (*See Primrose, page* 95.)

[P] **Azalea, mixed varieties.** Showy winter flowering shrubs for greenhouse; large beautiful flowers, 4 ft. .... 25c.

|A § **Balloon Vine.** A rapid growing, handsome summer climber, small white flowers, followed by inflated seed vessels, shaped like small balloons, 10 to 15 ft. .... 5c.

|A **Balsams.** (*See page* 72.)

|A **Bartonia aurea** (the "Californian Golden Bartonia"). This is one of the showiest and brightest of garden flowers; large golden blossoms borne in great profusion all summer, 1 ft. .... 5c.

[Pw] **Begonia.** (*See page* 72.)

[Pf] **Bellis** ("Double Daisy"). (*See page* 72.)

|P § **Bignonia grandiflora** ("Trumpet Creeper"). Hardy climber of rapid and luxuriant growth, very picturesque and effective; grown on old trees, arbors, walls, etc. Handsome large clusters of orange-red flowers, 40 to 60 ft. .... 10c.

CALAMPELIS.

CHRYSANTHEMUM MAXIMUM.

CREPIS.

Per pkt.

ⱡP **Bocconia Japonica (cordata).** Stately foliage plants for lawns or pots; large beautiful leaves; hardy perennial..... 5c.

ⱡA **Brachycome, mixed colors.** ("Swan River Daisy"). Beautiful annual, forming a close, compact plant, with large single blue or white flowers, borne freely all summer, ⅔ ft..... 5c.

ⱡA **Browallia, mixed colors** ("Amethyst"). Handsome annuals, with blue or white flowers completely studding the bushy plants during the whole summer; fine for garden beds in summer or pot culture in winter, 1½ ft.. ..... 5c.

ⱡA § **Bryonopsis.** A beautiful summer climber, with palmate leaves; its yellow flowers are followed by pretty, cherry-like, green fruits, which change to bright scarlet marbled with white, 10 ft..... .... 5c.

ⱡA **Cacalia, mixed** ("Tassel Flowers," "Flora's Paint Brush," etc.) Very pretty summer-flowering garden plants. Prized for cutting, 1½ ft.. 5c.

P **Cactus, mixed varieties.** Beautiful plants for pot culture in the window or greenhouse; the flowers of some are very beautiful, and the foliage of others very curious ..... 25c.

ⱡA § **Calampelis** ("Bugle Vine"). A well-known beautiful annual climber. Trained to a trellis or south wall it is an ornamental object throughout the summer, its bright orange tubular flowers contrasting effectively with the delicate green of the foliage, 10 ft. *(See cut.)*.. 10c.

ⱡA **Calandrinia grandiflora.** Very beautiful dwarf-growing annual for the flower garden; in the sunshine the large rose colored flowers expand into a perfect blaze of beauty, 1 ft..... 5c.

P **Calceolaria.** *(See page 72.)*

ⱡA **Calendula.** *(See page 73.)*

ⱡA **Calliopsis** or **Coreopsis.** *(See page 72.)*

ⱡP **Callirhoe involucrata** ("Mallow Poppy"). A charming dwarf, trailing plant; large, saucer-shaped flowers 2 inches across, of a rich, dark crimson; effective for beds or trailing over rock-work..... 5c.

ⱡA **pedata nana.** An annual variety, forming dense, compact bushes, 1 ft. high. Handsome flowers, 2 inches across, crimson, white eye, produced all summer long..... 5c.

ⱡP **Campanula** ("Bell Flowers"). *(See page 73.)*

ⱡB **Canterbury Bells.** *(See page 73.)*

ⱡA § **Canary Bird Vine.** *(See page 73.)*

ⱡA&ⱡP **Candytuft.** *(See page 73.)*

P **Canna.** *(See page 74.)*

P **Carnation.** *(See page 76.)*

ⱡA **Catchfly, mixed.** Showy, early-flowering garden annuals, 1½ ft..... 5c.

ⱡP § **Celastrus scandens** ("Bitter Sweet"). Hardy climber, leaves turning yellow in the fall, with clusters of orange colored fruit, 20 ft..... 10c.

ⱡA **Celosias** and **Cockscombs.** *(See page 74.)*

P **Centaureas, white leaved.** ("Dusty Miller.") Valuable plants for ribbon bedding, the silvery whiteness of the leaves being very effective with other colored leaved plants. Although perennials they are usually grown as annuals.
candidissima. Round compact plants, silvery white, 1 ft..... 10c.
Clementei. Arching white, fringed leaves, 1¼ ft..... 10c.
gymnocarpa. One of the best, white foliage, 1½ ft..... 10c.

ⱡA **cyanus varieties** ("Blue Bottle," "Corn Flower," etc.) *(See page 74.)*

ⱡA **Centauridium Drummondi.** Showy, robust garden annual, with large saucer-shaped single yellow flowers, 2 ft..... 5c.

ⱡA **Centranthus macrosiphon, mixed.** Bushy garden annuals, with large heads of red, pink or white flowers, 1 ft..... 5c.

ⱡP § **Centrosema grandiflora** ("The Butterfly Pea"). *(See page 73.)*

ⱡA § **Cephalandra palmata.** A beautiful South African climber, growing rapidly. The vines are long, slim and straight, bearing very large palmated, light green leaves. Flowers large, reddish orange, succeeded by small, bright carmine, cucumber-shaped fruits, 30 ft... 10c.

ⱡP **Cerastium tomentosum** ("Snow in Summer"). Hardy trailing plants, with silvery foliage. Used as edgings for flower beds and as ground-work for carpet bedding. White flowers, ½ ft..... 10c.

Per pkt.

P **Chrysanthemum Frutescens.** These are the "French Marguerites" or "French Daisies" so much grown for cut flowers. They make elegant bushy pot plants for winter flowering and bloom all summer in the garden.
Frutescens grandiflorum. White..... 10c.
Frutescens Comtesse de Chambord. Yellow..... 10c.

ⱡP **Latifolium or Maximum.** The great white "Moon Penny Daisy." One of our finest hardy perennials, forming bushy plants literally covered in late summer with white flowers three inches across. Highly prized for cutting, and lasting in water fully a week. Very effective for garden. *(See cut.)*..... 10c.

ⱡA&P **Chrysanthemums.** Annual, Chinese and Japanese. *(See page 75.)*

P **Cineraria maritima** ("Dusty Miller"). Extensively used for ribbon planting, vases, hanging baskets, etc.; leaves silvery gray; although perennial it is usually grown as an annual, 1 ft..... 5c.
For greenhouse or flowering Cinerarias, see page 75.

ⱡA **Clarkia.** Charming annuals for flower beds. The flowers of rose, white, red, purple, etc., borne in profusion during the summer.
Single, mixed. Many sorts, 1 to 2 ft..... 5c.
Double, mixed. Including many sorts, 1 to 2 ft..... 5c.

ⱡP § **Clematis paniculata.** One of the finest species. Of robust habit, and covered from the ground to the summit with pure white, fragrant flowers, freely produced, completely hiding the foliage. The flowers are followed by pretty seed pods of bronzy red, 12 ft..... 15c.

ⱡP § **Large flowering, mixed (Jackman's).** Flowers 3 to 4 inches across, of charming shades of blue, white, purple, etc., 10 to 12 ft.. 15c.

ⱡP § **coccinea.** Tubular flowers of waxy vermilion, interior yellow, 1 ft. 10c.

ⱡP § **crispa.** Bell-like flowers of exquisite pale blue and white; very fragrant, 10 to 12 ft..... 10c.

ⱡP § **flammula.** Fragrant white feathery flowers, in clusters; admired for its grace, 25 to 30 ft..... 5c.

ⱡA **Cleome pungens** ("Giant Spider Plant"). This is a showy plant, producing curious heads of flowers of bright rose color with long graceful antennæ-like stamens, of easy cultivation, blooming early and continuing late, 4 to 5 ft..... 5c.

P **Clianthus Dampieri** ("Australian Glory Pea"). One of the most beautiful plants grown for either the greenhouse or border; the flowers of scarlet, blotched with black, are borne in gorgeous clusters; tender shrubby trailer; succeeds best when treated as an annual; must not be transplanted..... 10c.

ⱡA § **Cobæa scandens.** *(See page 78.)*

ⱡA § **Coccinea Indica.** A remarkably pretty annual climber; foliage ivy-like, bright and luxuriant; never troubled with insects; small flowers followed by numerous fruits 2 inches long, which turn to brilliant scarlet, spotted with white, 10 ft..... 10c.

P **Coleus.** *(See page 73.)*

ⱡA **Collinsia, mixed colors.** Free flowering, summer blooming annuals of great beauty, for massing and mixed flower borders; great variety of color—white, purple and crimson predominating, 1 to 2 ft. 5c.

P **Convolvulus Mauritanicus.** A beautiful trailing perennial, for vases, baskets, etc.; flowers blue, and white yellow throat, 3 ft... 10c.

ⱡA **Major** and **Minor** (*"Morning Glories"*). *(See page 74.)*

ⱡA **Cosmidium Burridgeanum.** Showy annual, full of bloom summer and autumn; flowers maroon, edged golden yellow, 1½ ft..... 5c.

ⱡA **Cosmos.** *(See page 73.)*

ⱡP **Cowslip** ("Primula veris"). *(See* **Primrose,** *page 95.)*

ⱡA **Crepis, mixed colors** ("Hawk's Beard"). Pretty dwarf annuals, deserving a place in every garden, of easy culture, blooming in profusion; excellent for cutting, 1 ft.... *(See cut.)*..... 5c.

ⱡA § **Cucumis flexuosus** ("Snake Cucumber"). Rapid growing annual climber, with curious fruits 3 feet long, which, when allowed to fully ripen, can be kept as curiosities, 6 ft..... 5c.

ⱡA **Cuphea miniata.** A pretty annual for pots or garden; scarlet, 1 ft.. 10c.

P **Cyclamen.** *(See page 75.)*

P **Cyperus alternifolius** ("Umbrella Plant"). A very decorative foliage plant of graceful habit, very useful for vases, etc., 1½ ft.... 10c.

ⱡA § **Cypress Vine.** Summer climbing annuals, with feathery foliage and star-shaped flowers; borne in clusters, 15 to 20 ft. *(See cut.)*
White.... 5c. **Rose**.....5c. **Scarlet**.....5c. **Mixed**..... 5c.

For Signification of Characters ⱡA, ⱡP, etc., see page 90.

CYPRESS VINE

GLOXINIA.

DELPHINIUM CASHMERIANUM.

Per pkt.

Cypress Vine, Ivy Leaved. Scarlet flowers; heart-shaped leaves.. 5c.

Dahlia. (*See page* 76.)

Datura. (*See page* 77.)

Delphinium ("Hardy Larkspurs"). Handsome and well-known perennials, with splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable.

Delphinium Brunonianum ("New Musk-scented Larkspur"). Flowers 1 to 2 inches across; light blue and purple, with a black centre emitting a powerful musky odor. Plant bushy, 6 to 12 in. high 25c.

grandiflorum flore pleno. Flowers in long spikes, very double, and of rare beauty for cutting. Charming colors, ranging through shades of blue from porcelain and white to violet..... 15c.

Zalil ("Hardy Yellow Larkspur"). Sulphur yellow, plant of branching habit, bearing spikes of 40 to 50 blossoms, each 1 inch in diameter, flowering from June until August, 3 to 4 ft ..... 15c.

Cashmerianum. Large, pale blue flowers, 2 ft. (*See cut.*)..... 10c.

Le Mastodonte ("Giant Bee Larkspur"). Large blue flowers, 3 to 6 ft..... 15c.

formosum. Blue, white centre, 2 to 3 ft..... 5c.

Pillar of Beauty (D. formosum cœlestinum). An unusually pretty color—a delicate azure or sky blue, so bright and pretty a shade that it has to be seen to be appreciated..... 10c.

nudicaule. Large scarlet flowers, 1½ ft..... 10c.

Finest mixed single hybrids..... 5c.

For annual varieties, see Larkspurs, page 79.

Dianthus. (*See pages* 76 *and* 77.)

Dictamnus Fraxinella ("Burning Bush" or "Gas Plant"). Dense bushes with lemon-scented foliage. The flowers are borne in long spikes during June and July, and are also fragrant. An interesting feature of the plant is that the vapor given off on a warm evening, if ignited, produces a bright flash, 2½ ft.

Red flowering.....10c. **White flowering**..... 10c.

Didiscus cœruleus. A handsome annual for either garden decoration or pot culture; pale blue flowers, 1½ ft..... 10c.

Digitalis ("Foxglove"). Hardy plants of the easiest culture; long spikes of large showy flowers ranging through shades of purple, white, rose, yellow; some beautifully spotted, 3 to 5 ft. high.

Mixed colors.....5c. **Spotted varieties, mixed**..... 10c.

Monstrosa, mixed. Long spike of many flowers surmounted with one enormous flower; novel and beautiful..... 10c.

Dodecatheon, Clevelandi ("Giant American Cowslip"). Stems 1 foot high, surmounted with from 6 to 10 large, beautiful, Cyclamen-like flowers of violet blue, with yellow and black centre; hardy, and desirable for partially shaded situations..... 25c.

Dolichos. The Egyptian or Hyacinth Bean; annual climbing plants of rapid growth, bearing large clusters of showy flowers, 10 ft.

Purple.....5c. **White**.....5c. **Mixed colors**..... 5c.

Dracæna indivisa. A foliage plant, extensively used for the centres of vases and for pot culture; thin arching leaves, 2 to 3 ft..... 10c.

Echeveria metallica. Large pinky fleshy leaves, useful for ribboning or pots, flowers yellow and red, 1 ft..... 25c.

secunda glauca. Small bluish white fleshy leaved plant for ribboning and pots, flowers yellow and red, ¼ ft..... 25c.

Echinocystis lobata ("Climbing Wild Cucumber"). A rapid, luxuriant-growing climber, very useful for quick effects, 30 to 50 ft.... 10c.

Erysimum peroffskianum. Exceedingly showy yellow flowering garden annual, 1½ ft..... 5c.

Eschscholtzia. (*See page* 78.)

Eucalyptus globulus ("Fever and Ague Tree"). A rapid-growing foliage plant, of interest in sub-tropical gardening, 3 to 6 ft..... 10c.

citriodora. Deliciously lemon-scented foliage; fine for cutting... 25c.

Euphorbia heterophylla ("Annual Poinsettia," "Mexican Fire Plant" or "Fire on the Mountain"). An annual bushy plant, with highly ornamental leaves, which in summer and autumn become blazed with a darker fiery scarlet, so that only a tip of green is left. Also valuable as a pot plant, 3 to 4 ft..... 10c.

Per pkt.

Euphorbia variegata ("Snow on the Mountain"). A large, robust growing annual with very ornamental green foliage, striped with white. A splendid subject for borders and large masses, 2 to 4 ft.. 5c.

Fenzlia dianthiflora. A charming dwarf annual, forming dense tufts, covered with purple and yellow flowers; suitable for edgings, ¼ ft..... 10c.

Ferns, greenhouse varieties, mixed. Graceful conservatory or window plants, 6 in. to 2 ft..... 15c.

Fuchsia, mixed colors. Choice double and single sorts of this elegant pot plant; tender perennial, 1 to 2 ft..... 15c.

Gaillardia. (*See page* 78.)

Geranium. (*See page* 78.)

Geum atrosanguineum fl. pl. Showy hardy perennial with brilliant scarlet double flowers borne in clusters on long stems; fine for cutting, 1½ ft..... 10c.

Gilia, mixed colors. Profuse blooming and handsome dwarf annuals for massing in flower beds; flowers borne in clusters, 6 to 12 in. 5c.

Gladiolus. Summer flowering bulbs of gorgeous beauty; grown from seeds they produce blooming bulbs the second summer, 3 ft.

Gandavensis hybrids, mixed. Many beautiful varieties..... 10c.

Lemoinei hybrids, mixed..... 10c.

Glaucium luteum ("Horned Poppy"). Silvery leaved hardy perennial plants with remarkably bright yellow flowers produced in great abundance all summer; very effective border plant, 1 to 2 ft. 5c.

Globe Amaranth. (*See page* 78.)

Gloxinia. Most charming greenhouse plants, of dwarf habit. Their flowers are produced in greatest profusion, and of the most exquisite and gorgeous colors, many of which are magnificently spotted, mottled and blended. Under the commonest culture they bloom continuously for months. 1 ft. (*See cut.*)

Large flowering, choice mixed..... 35c.

Scarlet Defiance. Glowing crimson-scarlet, frilled edges..... 35c.

Emperor Frederick. Vivid scarlet, with clear white band..... 35c.

Gnaphalium leontopodium. The famous **"Edelweiss"** of the Alps. Pure white flowers, 2 inches across, are star-shaped, of downy texture, and retain their natural appearance for years, and are highly desirable for dried bouquets, etc. The plants succeed well in any well-drained, sandy soil..... 15c.

Godetia. (*See page* 78.)

Golden Rod. America's National Flower. The favorite yellow wild beauty; hardy perennial, 2 to 3 ft..... 5c.

Gourds. (*See page* 78.)

Grevillea robusta. ("Silk Oak"). Very beautiful and graceful foliage; highly valued as a decorative plant for the table, and when large for tropical lawn effects; tender perennial, 3 to 5 ft..... 10c.

Grasses, Ornamental. Highly valued for the double purpose of ornamenting the summer flower border, and for the use of the spikes or panicles in a dried state for winter bouquets.

Agrostis nebulosa ("Cloud Grass"). Feathery-like, 1½ ft..... 5c.

Avena sterilis ("Animated Oats"). Elegant long drooping panicles; height, 2 ft..... 5c.

Briza or Quaking Grass. Very pretty seeds suspended to gracefully drooping spikes.

B. maxima ("Large Quaking Grass")..... 5c.

B. gracilis ("Slender Quaking Grass")..... 5c.

Bromus brizæformis. An elegant biennial grass about 2 feet high; a beautiful object in the mixed border, bearing graceful panicles..... 5c.

Coix lachrymæ ("Job's Tears"). A perennial succeeding as an annual..... 5c.

Gynerium argenteum ("Pampas Grass"). A beautiful lawn plant, bearing large white woolly plumes in the autumn; for clumps and sub-tropical effects it is indispensable; in the north it will require protection, or can be kept over in frames, 6 to 10 ft..... 10c.

Stipa pennata ("Feather Grass"). Hardy perennial, with beautiful feathered beards; indispensable in winter bouquets..... 10c.

Zea Japonica variegata. Japanese striped-leaved corn, 5 ft 5c.

Imported Collection of 12 *Ornamental Grasses*..... 50c.

For Signification of Characters ⊞, §, etc., see page 90.

HUMEA ELEGANS.

"EMILY HENDERSON," the Queen of White Sweet Peas. See page 58.

Mr. W. C. Egan, Sec'y of the Horticultural Soc'y of Chicago, writes us, Oct. 27, '93:

"I desire to state that last spring I obtained some seeds of the Emily Henderson Sweet Pea from you. They germinated freely and soon became robust plants. It was the first of many varieties to bloom, and was a most profuse bloomer during the hot weather, and, late in the fall, gave a great quantity of flowers, while the others were only furnishing scattering blossoms. It produced long stems, and the flowers lasted better when cut—not fading away—than any other variety; in fact, with me, it was the best Sweet Pea for garden culture that I have yet grown."

HIBISCUS CALIFORNICUS.

LOBELIA, HARDY.

Per pkt.

Gypsophila muralis. Dwarf annual of compact growth for edgings; flowers pink, ½ ft. 5c.

paniculata. A graceful hardy plant, fine for cutting for bouquets; flowers in feathery white panicles, 1½ ft. 5c.

Helichrysum. (*See page* 79.)

Helipterum Sanfordi. A very desirable "everlasting." Pretty annual, producing large clusters of yellow flowers, 1 ft. 5c.

Heliotrope. (*See page* 79.)

Hibiscus ("Marsh Mallows"). Strong-growing plants, of very easy culture and exceedingly showy, the large cup-shaped flowers frequently measuring 6 inches across.

Africanus. Robust-growing annual bearing showy flowers 3 to 4 inches across, of creamy yellow with purple centre, 2 ft. 5c.

coccineus. Bright scarlet. 10c.

Californicus. White flowers with deep carmine centre. One of the most valuable plants of recent introduction. (*See cut.*) 10c.

Hollyhock. (*See page* 79.)

Honesty ("Satin Flower" or "Moonwort"). A hardy biennial of pyramidal form; flowers purple, followed by the transparent silvery seed pods so prized for winter bouquets, 2 ft. 5c.

New variegated. Foliage distinctly variegated green and white, 15c.

§ **Honeysuckle, Japan** ("Lonicera brachypoda"). A vigorous climber; flowers yellow and white in June; very fragrant. 10c.

Humea elegans. An elegant biennial; for pot culture or sub-tropical effects on the lawn it is beautiful and effective. The minute flowers are borne in immense numbers on long drooping branches. Colors ruby red, pink and crimson, and delightfully fragrant, 4 to 6 ft. (*See cut.*) 10c.

§ **Humulus Japonicus** ("Japan Hop"). Rapid summer climber; in 3 or 4 weeks' time attaining a height of 20 to 30 feet; resembling the common hop, but, being an annual, attains full perfection the first season. The foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc. Heat, drought and insects do not trouble it. 10c.

§ **Japonicus, fol. var.** ("Leopard-leaved Hop"). A strikingly beautiful variety of the above. The leaves of rich green are blotched and marked with white and gray. 15c.

Hyacinthus Candicans. Giant summer flowering Hyacinth, of robust growth, producing spikes 3 feet long of white bell-shaped flowers, 5 ft., bulbs keeping dry over winter like a gladiolus. 10c.

Ice Plant. Pretty summer trailing annual for vases and rock-work, leaves covered with ice-like drops, ½ ft. 5c.

Impatiens ("Zanzibar or Sultan's Balsam"). Most beautiful and useful flowering plant, producing waxy bright flowers almost continually, winter and summer; tender perennial, 1 ft.

Sultana. Rose colored. 15c. **Mother of Pearl Rose.** 25c.

Splendens. Deep violet. 25c.

Ipomœa. (*See page* 80.)

Ipomopsis, mixed ("Garden Cypress"). Symmetrical plants of pyramidal growth, feathery foliage and handsome spikes of flowers; useful for either garden or pot culture, 1½ ft. 5c.

Jacobœa elegans, double mixed. An old favorite for flower borders; continuously in bloom and useful for cutting, 1 ft. 5c.

Kaulfussia, fine mixed. Beautiful dwarf annuals for summer flower beds, with flowers of white, violet, rose, ½ ft. 5c.

Kalanchoe carnea. Strikingly beautiful plant for pot culture. Commences to flower at Christmas, and continues until February. The wax-like flowers are borne in large clusters; color a beautiful delicate pink; deliciously fragrant, 1½ ft. 25c.

§ **Kenilworth Ivy.** Hardy little climber, clings to walls, etc., and a valuable trailing plant for hanging baskets, vases, etc., 3 to 6 ft. 10c.

Lantana, fine mixed. Rapid growing constant blooming perennial plants for pot culture in the winter or garden decoration in the summer; clusters of orange, white, pink, etc., 1 to 3 ft. 10c.

Per pkt.

§ **Lapageria rosea.** Magnificent tender perennial greenhouse climber, with large bell-shaped flowers of rose color, spotted inside with white; the stems are branching, and can be trained to almost any length. 50c.

Larkspur. (*See page* 79.)

§ **Lathyrus latifolius.** (*See page* 80.)

Lavatera trimestris, mixed colors. Tall, robust growing bushy annuals, producing freely large showy single flowers of rose, white, etc., 3 ft. 5c.

Layia elegans ("Californian Layia"). A beautiful hardy annual, forming upright bushy plants, producing in abundance large single yellow flowers, bordered with white; they are of the easiest culture, and make very showy beds, 1 ft. 5c.

Lavender. An ornamental hardy perennial, bearing long spikes of fragrant blue flowers, 1 to 2 ft. 5c.

Leptosiphon, finest mixed. Handsome dwarf annuals for masses, beds and edgings; when planted in masses they form entire sheets of bloom not over 6 to 8 inches above the ground; they also do nicely in pots for winter blooming. 5c.

New white hybrid. 10c.

Linum coccineum ("Scarlet Flax"). One of the most showy annuals in cultivation for flower beds and masses; brilliant crimson scarlet flowers, 1 inch across, borne in wonderful profusion, 1 ft. 5c.

§ **Loasa, mixed.** Annual climbers, with curious flowers of orange, scarlet or white. 6 ft. 10c.

Lobelia, annual varieties. (*See page* 80.)

Lobelia, hardy varieties. Tall-growing hardy perennials with showy spikes of richly colored flowers; for permanent beds and borders they are indispensable, 2 to 4 ft. (*See cut.*)

Cardinalis. ("Cardinal Flower"). Long spikes of intense scarlet flowers; one of the most brilliant plants in cultivation; suitable for all situations, even succeeding on the shady side of a house. 10c.

Mixed hardy hybrids. Contain many beautiful varieties. 15c.

Lupinus, mixed annual varieties. Strong growing garden annuals, with innumerable spikes of flowers, 1½ to 3 ft. 5c.

Lychnis Chalcedonica. The scarlet Lychnis, an old garden favorite, deserving a place in every garden; very hardy, bearing heads of bright scarlet flowers, 3 to 4 ft. 5c.

Haageana hybrids, mixed colors. Usually grown as annuals; of dwarf bushy habit, bearing flowers an inch or more across in continuous succession until frost; the colors are particularly pleasing and effective—from white to rich scarlet and many shades of pink, 1 ft. 10c.

Malope grandiflora, mixed colors. Robust hardy annuals, large saucer-shaped flowers of crimson, rose and white, 1 to 2 ft. 5c.

Malva moschata alba ("White Musk-scented Mallow"). This is an attractive garden plant, blooming the first season from seed, and producing numerous white flowers an inch across, 1 to 2 ft. 10c.

Martynia fragrans. Fine summer blooming garden plants, with large crimson Gloxinia-like flowers, followed by curiously horned fruits, 1½ ft. 5c.

Marigold. (*See page* 81.)

Marvel of Peru. (*See page* 81.)

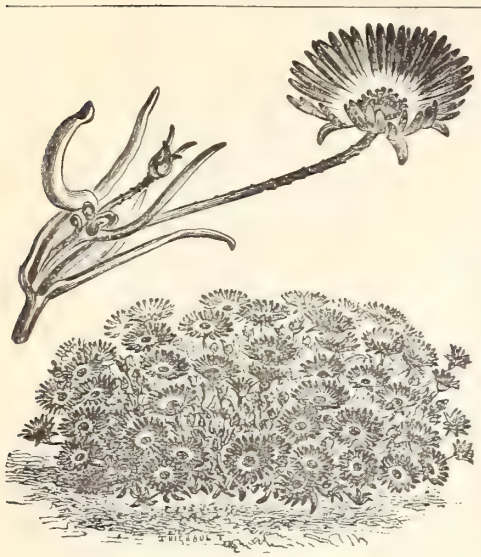
Matricaria alba plenissima ("Double White Feverfew"). Bushy annual garden plant, bearing quanities of double button like flowers, useful for cutting. 10c.

Mathiola bicornis ("Night Scented Stock"). An annual garden plant grown for its delicious perfume, which is emitted in the evening and morning, also after a shower, 1 ft. 5c.

§ **Maurandia.** Graceful annual climbers for window or conservatories, or for open ground in summer; admirable to hang from vases, cover stumps and low trellises, flowering freely, 6 to 10 ft.

Mixed. 10c. **Barclayana.** Rich violet. 10c.

For Signification of Characters, etc., see page 90.



MESEMBRYANTHEMUM.

NEMOPHILA.

NIGELLA, TOM THUMB.

Per pkt.

ⱯA **Mesembryanthemum tricolor, mixed.** Dwarf spreading annuals, with large showy single flowers of pink or white, succeeding well in dry situations, ¼ ft. (*See cut.*) ..... 5c.

ⱯA **Mignonette.** (*See page* 81.)

ⱯA **Mimosa pudica** ("Sensitive Plant.") Curious annual; the leaves instantly close up when touched. A neat plant for either pot culture or garden, 2 ft. ..... 5c.

ⱮP **Mimulus, hardy varieties, mixed.** Among the most ornamental hardy garden flowers, upright growth, showy and profuse bloomers for borders, 1 to 3 ft ..... 10c.

Tender varieties. (*See page* 81.)

ⱯA § **Mina lobata.** Rapid and luxuriant annual summer climber. Flowers 15 to 25 in number, borne on graceful spikes. Color rosy crimson, changing to orange and cream. *This should be started in pots early in spring and become pot-bound; they will then commence to bloom very young,* 15 to 20 ft. ..... 10c.

ⱯA § **Momordica** ("Balsam Apple"). Luxuriant annual climbers, with large leaves, making dense shade. The flowers are followed by ornamental, large fruits of orange or copper color, which burst and expose an interior of red, which is highly effective. 15 to 20 ft.

balsamina ("Balsam Apple"). Orange fruits ..... 5c.

charantia ("Balsam Pear"). Coppery scarlet colored fruits ..... 5c.

Morning Glories. (*See page* 74.)

Moon Flower. (*See Ipomœa, page* 80.)

Ⱬ **Musa Ensete** ("Abyssinian Banana Tree"). (*See page* 81.)

ⱮP **Myosotis.** (*See page* 82.)

ⱯA **Nasturtiums.** (*See pages* 82 *and* 63.)

ⱯA **Nemophila, finest mixed.** Splendid annuals for garden decoration; bright colored flowers, in shades of blue, white and violet, 1 ft. (*See cut.*) ..... 5c.

Nelumbium. (*See "Water Lilies," page* 102.)

Ⱥ **Nicotiana affinis.** An annual with sweet-scented, pure white, star-shaped flowers, 3 inches across, blooming continually, 2 to 3 ft. high. 10c.

Ⱥ **Giant Red Flowered.** Magnificent decorative annual. The foliage is luxuriant and tropical in appearance; plants surmounted with immense clusters of rich crimson flowers. They grow rapidly, about 5 ft. in height, and commence blooming in July and continue until frost ..... 10c.

Ⱥ **colossea.** Attains a height of 5 to 6 ft. during one summer; immense leaves, at first rose and violet, afterward changing to deep green with red nerves. A gigantic and imposing ornamental-foliaged plant for lawns, giving an elegant tropical effect ..... 25c.

ⱮP **Nierembergia frutescens.** A hardy perennial, equally as suitable for pot culture as planting out, white saucer-shaped flowers, 1 ft ... 10c.

ⱯA **Nigella, Damascena, Double mixed.** Pretty annuals, known as "Love in a Mist," "Devil in a Bush," etc.; feathery foliage, in which large, double, charming, blue and white flowers are set. 1 to 2 feet high ..... 5c.

Tom Thumb Double, White, Blue or mixed. Little gems. Plants grow only six to eight inches high. (*See cut.*) ..... 5c.

ⱯA **Nolana, mixed.** Trailing plants, with Morning-glory-like flowers, very effective for vases, rockwork or low beds ..... 5c.

ⱯA **Nycterinia, mixed.** Dwarf sweet-scented Verbena-like annuals, ¼ ft. 5c.

Nymphæa. (*See "Water Lilies," page* 102.)

ⱯA **Œnothera, fine mixed** ("Evening Primroses," or "Sun Drops"). Large showy flowers of various colors; hardy annual. 1 to 2 ft ... 5c.

ⱯA **Taraxacifolia** ("Chilian Evening Primroses"). Saucer-shaped flowers measure 6 inches in circumference.

White. Changing to rose later in the day ..... 10c.

Golden. Bright golden yellow ..... 10c.

ⱯA **Oxalis.** Pretty little half-trailing annuals, for hanging baskets, vases, rock-work and edgings, flowering in profusion, 6 to 9 inches.

Tropæoloides. Yellow, brown foliage ..... 10c.

valdiviana. Yellow, fragrant, 10c. **Mixed.** Annual sorts ..... 10c.

ⱯA **Palava flexuosa.** Beautiful annuals for beds or pots, large pink flowers with black throats; plants bushy, about 1½ ft. high ..... 10c.

Per pkt.

Palm. For decorating the greenhouse, lawn, piazzas, parlor, dinner-tables, etc., nothing can rival their rich and tropical effect.

Ⱬ **Areca lutescens.** One of the loveliest of the Arecas; of clean, quick and graceful growth; tall, arching, divided leaves; stems yellow ..... 25c.

Ⱬ **Brahea filamentosa, or Pritchardia.** Large fan-shaped leaves, with hanging, thread-like filaments. A handsome decorative palm, a rapid grower, and for bedding out or as a vase palm it is scarcely equaled ..... 15c.

Ⱬ **Chamærops humilis.** Very ornamental and dwarf-growing "Fan Palm," of very easy culture. Large, divided fan-shaped leaves; stems thorny. Handsome for sub-tropical effects, and worthy of extended cultivation, of slow growth but an A 1 thing, standing lots of handling and ill usage ..... 15c.

Ⱬ **Cocos Weddeliana.** This is probably the most elegant small palm ever introduced. Leaves fern-like and gracefully arched, dark-green above, glaucous below. For table decoration it is exquisitely beautiful. Packet of 5 seeds ..... 25c.

Ⱬ **Kentia Forsteriana** ("Flat or Thatch Leaf Palm"). This is, without exception, the most hardy of its class. It is very graceful, and for table decoration scarcely has its equal. Excellent for room culture, as neither variations in temperature nor gas affect it. Rapid grower. Packet of 5 seeds ..... 15c.

Ⱬ **Kentia Belmoreana** ("Belmore's Curly Palm"). A splendid variety and very largely grown. Similar but dwarfer than Forsteriana, and possessing all of its excellent qualities, differing from that variety only in the tendency of its leaves to curl under, making it particularly beautiful. Rapid grower. Packet of 5 seeds ..... 15c.

Ⱬ **Latania Borbonica** ("The Bourbon Palm"). A well-known and very handsome species. Large, broad, shining green, fan-shaped leaves. Unequaled for either parlor, hall, piazza, lawn or greenhouse decoration; of medium quick growth ..... 15c.

Ⱬ **Oreodoxa regia** ("The King or Royal Palm"). A tall elegant and graceful variety, with slender, ringed stems, bearing long terminal leaves; admirably adapted for either sub-tropical gardening or for the decoration of apartments; of quick growth ..... 15c.

Ⱬ **Seaforthia elegans** ("Illawarra Palm"). One of the most beautiful of the Palm family. It is perfectly smooth and attains a height of twenty feet or more, with gracefully drooping, feather-like leaves. One of the finest subjects for conservatory, greenhouse or sub-tropical gardening. Can be placed in the open air from June 1st to October 1st. It is of rapid growth, attaining a height of three feet from seed the first season. Scarcely anything can equal the effect of large specimens of this noble palm ..... 15c.

Ⱬ **Pansy.** (*See pages* 83 *and* 63.)

Ⱬ **Pandanus utilis** ("Screw Pine"). Valuable decorative plants; withstands gas, dust and ill usage; they make fine specimens, 2 to 4 ft. high, with long, arching leaves; grand for centres of vases, etc. ... 15c.

ⱮP **Pardanthus Chinensis** ("Blackberry Lily"). Handsome hardy herbaceous plants, orange flowers, spotted purple, blackberry-like seed pods. ½ to 2 ft ..... 5c.

ⱮP **Pæony, double mixed.** Grand hardy, herbaceous plants, well-known ornaments of our gardens, with large double flowers of various colors. 2 ft. high ..... 10c.

Ⱬ **Pelargonium** ("Lady Washington Geranium"). Grand plants for pot culture; colors are rich in the extreme, and beautifully marked; the flowers, an inch or more across, are borne in immense clusters through spring and summer. Height, 1 to 2 ft. Finest mixed ..... 25c.

ⱮP **Pentstemon.** Beautiful garden perennials, growing from 2 to 3 ft. high, with white, pink, scarlet or blue flowers, beautifully spotted and marked. (*See cut.*)

Mixed colors ..... 10c. **Large flowering, mixed** ..... 25c.

Passion Flower. Handsome, rapid growing perennial climber, for greenhouse decoration or sunny positions in the open ground in summer.

Ⱬ § **Incarnata** ("May Pops"). Blooms the first season from seed. Flowers, two or three inches across, flesh white with purple rays, followed by yellow edible fruits ..... 10c.

Ⱬ § **Cœrulea.** Large flowers of violet and blue ..... 10c.

Ⱬ § **Von Volxemi (Tacsonia).** Large scarlet ..... 20c.

Ⱬ § **Constance Elliott.** Pure ivory white; flowering profusely; very fragrant ..... 15c.

For Signification of Characters ⱮP, Ⱬ, etc., see page 90.

PENTSTEMON.

PRIMULA AURICULA.

HARDY POPPY, ORIENTALE HYBRID.

Per pkt.

Perilla Nankinensis. Ornamental foliage plants of compact habit, leaves dark mulberry, useful for ribbon effects, 1¼ ft..... 5c.

Petunia. (*See pages* 84 *and* 63.)

Phlox. (*See page* 84.)

§ **Physianthus albens** ("Cruel Plant"). A rapid-growing perennial climber (*but usually grown as an annual*), with quantities of pure white fragrant flowers, much like a single tuberose, which entrap insects. These are followed by large handsome seed pods; it is also very useful for greenhouse decoration, 20 ft..... 10c.

Platycodon, large flowering, mixed colors. The large flowered Chinese Bell Flower; hardy perennial, bearing large, broad, bell-shaped white or blue flowers; very handsome for garden decoration, 1½ ft..... 10c.

Mareisi. Sturdy and compact bush, large, open, bell-shaped flowers of a rich violet blue, ¾ ft..... 25c.

Polyanthus. (*See Primroses, page* 95.)

Polygonum orientale foliis variegatis. A beautiful annual. The red flowers are borne in spikes 7 to 8 inches long, in great numbers; the luxuriant foliage is strikingly variegated with white, 8 to 10 ft..... 10c.

Poppy, annual varieties. (*See pages* 85 *and* 63.)

Hardy. For permanent beds these brilliant large flowering hardy Poppies stand unrivaled; the flowers average 6 to 9 inches across, and are simply grand; the plants are robust growers, 3 to 4 ft. high.

Orientale Hybrids. Containing charming new colors; pink, blotched purple, blood-red blotched black, glowing scarlet, reddish orange, salmon, etc. (*See cut.*)..... 25c.

Bracteatum. Orange scarlet..... 10c.

Orientale. Dark scarlet, purple spots..... 10c.

Portulaca. (*See page* 86.)

Primroses. Beautiful low-growing, early spring flowering plants, fine for rockeries, borders, pot culture, etc.; the flowers are borne in umbels or clusters on stalks about 4 to 6 inches high. *Cowslip and English Primroses are perfectly hardy, but the other varieties should be protected or grown during the winter in frames.*

Cowslip, mixed colors ("Primula veris"). The well-known favorite English Cowslip, flowering early in spring, ¾ ft..... 5c.

auricula, fine mixed ("Primula auricula"). Umbels of fragrant flowers, of many rich colors, ½ ft. (*See cut.*)..... 10c.

Polyanthus, mixed ("Primula elatior"). Early blooming for spring flower beds or pot culture; the large umbels of flowers are borne on stalks 8 inches tall..... 10c.

Polyanthus, duplex mixed ("Hose in Hose"). One flower sitting in another..... 25c.

Japanese Primrose ("Primula Japonica"). Mixed. One of the most beautiful. Flowers, 1 in. across, of shades of crimson, maroon, lilac, pink, white, etc., on stems 1 to 2 feet high..... 10c.

English Primrose ("Primula vulgaris"). The old favorite common yellow Primrose, now so popular and fashionable in England. 10c.

Siberian Primrose ("Primula cortusoides"). Deep rose; beautiful and free flowering..... 10c.

Rose Colored Alpine Primrose ("Primula rosea"). A perfect gem. It throws up spikes, sometimes as many as 12 to a plant, 4 to 6 inches high, in the spring, each spike surmounted with heads of from 6 to 10 large blossoms, 1 inch across, of a charming bright rosy carmine with yellow eye..... 20c.

Primula Sieboldii. Splendid for either garden or pot culture, throwing up flower stalks 8 to 12 inches high, surmounted with large clusters of flowers 1 to 2 inches across; color, soft, pretty rose, with white eye. It is a very distinct, beautiful and free-blooming plant; will require protection in the Northern States, or it can be grown in cold frames..... 20c.

For Greenhouse varieties of Primula, see page 86.

Pyrethrum. Valuable hardy border plants, throwing up numerous stems about 2 feet high, each surmounted with large flowers, 3 or 4 inches across, of bright colors, such as rose, flesh, pink, white, crimson, etc. They remain in bloom a long time.

Per pkt.

Pyrethrum. Single large flowering hybrids, mixed..... 10c.

Double large flowering hybrids, mixed..... 25c.

roseum ("Persian Insect Powder Plant"). Rose color, 1½ ft..... 10c.

cinerariæfolium ("Dalmatian Insect Powder Plant"). 1½ ft..... 10c.

Yellow leaved sorts. Dwarf growing plants, extensively used for ribbon and carpet bedding; foliage of bright yellow. These are usually grown as annuals although they are perennials.

aureum. Yellow foliage, ¾ ft..... 5c.

selaginoides. Handsome fern-like foliage, ½ ft..... 10c.

Rhodanthe maculata, mixed. Elegant annual, admirably adapted for garden decoration in summer or for pot culture in winter, as they come into flower early and continue for a long time. They are largely used as decorative plants for apartments, on account of the durability of the flowers. As an everlasting for dried winter bouquets they are indispensable. Flowers of various colors, white, pink, crimson, etc., 1 ft..... 10c.

§ **Rhodochiton volubile.** A charming climber. The heart-shaped leaves are very pretty, the upper surface bright green, with large, dark veins, and the under side as well as the stems purplish red. The flowers are about two inches long, curiously formed and of a rich claret red, and hang on long graceful stems. It flowers freely from seed the first season, 10 ft..... 25c.

Ricinus. (*See page* 86.)

Rose, hardy, double mixed. Flowers the second year; hardy perennial, 3 to 6 ft..... 10c.

Monthly Tea, double mixed. Half-hardy perennial, 2 to 4 ft... 10c.

Hybrid Polyantha. These beautiful little roses are borne in large clusters, and will flower throughout the summer until frost, from seed sown early in the spring. Flowers of various colors, most of them double, although a few of them will come semi-double and single. Mixed colors..... 15c.

§ **Climbing Polyantha.** Flowers in bouquet-like clusters; like the above, the plants are hardy, of very vigorous and branching habit, flowering profusely throughout the summer. Mixed colors..... 20c.

"Little Midget" Roses. These little roses belong to the Polyantha or Japanese many-flowered section. The roses are only about an inch across, usually very double, but occasionally semi-double and seldom single; they are borne in many-flowered clusters and contain all the tints of cultivated roses. What is most remarkable, these "Little Midget" Roses grow only 10 inches high and commence blooming in a few weeks after the seed is sown. At first the flowers are isolated, but they group themselves as the plant advances and continue year after year to bloom in uninterrupted profusion from May until frost..... 25c.

Japanese Rose. ("Rosa rugosa"). One of the handsomest hardy shrubs in cultivation. It forms a sturdy bush 4 to 5 feet high, covered with dark green glossy foliage, crowned with large single roses 3 inches in diameter, borne in clusters of 10 to 20 flowers. The flowers are of bright rosy crimson, followed by *large handsome scarlet fruit* during the autumn months..... 25c.

White-flowered Japan Rose. (*R. rugosa alba.*)..... 25c.

Rocket, Sweet, mixed colors. Fragrant purple and white flowers; hardy perennial, 2 to 3 ft..... 5c.

Romneya Coulteri ("Great White California Poppy"). Of stately beauty, flowering from July until November. The flowers are large (4 to 5 inches across), pure white, with yellow stamens, and of delicate primrose-like perfume. Valuable for cutting, lasting well in water, 6 to 8 ft..... 10c.

Rudbeckia bicolor ("Black-Eyed Susan" or "Texas Cone Flower"). An annual variety, 1½ ft. high; bright yellow flowers, with black-purple centre, very showy for borders..... 10c.

Newmanii. This robust growing perennial grows 2 ft. high; is very popular for border decoration. It is of the easiest possible culture, and bears very large golden yellow flowers, 3 to 4 inches across, with velvety maroon centre cone..... 25c.

Sabbatia campestris. Charming rose colored flowers, fine garden annual, 1 ft..... 15c.

Salpiglossis. (*See page* 86.)

For Signification of Characters ⊞, ⊩, etc., see page 90.

SCHIZANTHUS.

STREPTOCARPUS.

SMILAX.

Per pkt.

Ⓟ **Salvia.** (*See page* 86.)

ⒶA **Sanvitalia procumbens fl. pl.** Beautiful dwarf and compact trailing annual, for flower garden; the double flowers are large and of a rich brown and yellow..... 5c.

ⒶA **Saponaria Calabrica, mixed.** Dwarf continuous blooming annuals for beds and edgings, pink, white, etc, ½ ft..... 5c.

ⒶA **Scabiosa.** (*See page* 86.)

ⒶA **Schizanthus, fine mixed.** Beautiful garden annuals, flowers beautifully fringed and delicately colored, 1 to 2 feet. (*See cut*)..... 5c.

ⒶA **Silene pendula compacta, double mixed.** Dwarf bushy plants, bearing flowers of white, pink or red in great profusion throughout the summer, ½ ft. ..... 5c.

Ⓟ § **Smilax.** Charming tender perennial climber for greenhouse or window gardens. The foliage and stems are of a pleasing light green, very graceful; excellent for decoration. (*See cut.*)..... 10c.

Ⓟ **Solanum capsicastrum** ("Jerusalem Cherry"). A miniature tree-like plant, suitable for either garden decoration or pot culture; round orange scarlet fruits in autumn and winter, 1 to 2 ft..... 5c.

ⒶA **Spraguea umbellata** ("Chenille Flower"). A very curious and pretty plant for garden culture; large heads of bloom, resembling knotted chenille; color, white, blush and pink, ¼ ft..... 15c.

Ⓟ **Stevia serrata.** A tender perennial, in great favor for cutting purposes; large heads of small white flowers of very graceful effect; suitable for pot culture, flowering in winter, or, if sown early, will bloom in the garden the first summer, 1½ feet..... 10c.

ⒶA **Stocks.** (*See page* 87.)

Ⓟ **Streptocarpus, mixed** ("Cape Primrose"). A dwarf greenhouse perennial. The flowers are borne in remarkable abundance for about four months in summer and autumn. The colors range through white, red, violet, blue, rose, and all are blotched with purple and white, ¾ ft. (*See cut.*)..... 35c.

ⒶA **Sunflower.** (*See page* 87.)

ⒶA § **Sweet Peas.** (*See pages* 88 *and* 58.)

ⒽP **Sweet William.** (*See page* 89.)

ⒶA **Sweet Sultan, mixed.** Purple, white, etc., 1½ ft..... 5c.

ⒶA **Yellow.** Showy garden annual, much prized for summer bouquets; large heads of bright yellow flowers, very fragrant, 1½ ft..... 10c.

ⒶA **Tagetes signata pumila.** Charming dwarf garden annual, flowering in greatest profusion throughout the summer and autumn; color bright yellow; very effective for low beds, 1 ft..... 5c.

ⒶA § **Thunbergia alata, mixed colors.** Rapid growing annual climbers; splendid for trailing over trellises, fences, etc., beautiful flowers borne in profusion; buff, white, orange, etc., 4 to 6 ft. high..... 5c.

Ⓐ **Torenia.** Beautiful plants for vases, baskets, etc.; they bloom continually during the summer in the open ground and also in the winter in the greenhouse, 6 to 12 inches.

Ⓐ **Fournieri.** Porcelain blue and rich violet; throat bright yellow; very free flowering..... 10c.

Ⓐ **Bailloni.** Deep yellow and maroon..... 10c.

Ⓐ **White Wings.** This variety is unusually attractive, being pure white, with flush of rose at the throat..... 15c.

ⒽP **Tritoma Uvaria** ("Red Hot Poker Plant" or "Torch Flower"). Splendid hardy perennial plants, admirably adapted for single clumps on the lawn or among shrubbery, where its tall spikes of orange-red flowers make an effective display from August until December, 4 to 5 ft. ..... 10c.

Per pkt.

ⒽP **Tritoma. New Remontant, mixed colors.** Distinct and beautiful hybrids, very dwarf-growing and flower most freely from July until cut down by frost. Their beautiful heads of bloom vary in color from coral red, straw yellow, blood-red, orange and scarlet... 20c.
The roots of Tritomas will need protection in cold climates, or, better yet, winter them over in frames north of Washington.

ⒶA § **Tropæolum.** (*See pages* 82 *and* 63.)

ⒽP **Valerian, mixed colors.** Showy hardy perennials, 1½ ft. high, with large heads of bright rose, scarlet and white flowers..... 5c.

ⒶA **Venidium calendulaceum.** A round, compact bush; leaves large and woolly, covering the ground, and bringing out in strong contrast the flowers of bright yellow shaded with orange, and borne profusely, nearly covering the ground, making veritable "mounds of gold." ½ ft..... 5c.

Ⓟ **Verbena.** (*See page* 89.)

ⒶA **Veronica, mixed annual varieties.** Dwarf garden annuals, carpeting the ground with a profusion of blue and white flowers, ½ ft.. 5c.

Ⓟ **Vinca.** Handsome bushy plants producing freely round single flowers 1½ inches across, suitable for pot culture and sunny flower beds; tender perennial, 1½ ft.

Ⓟ **Rosea.** Bright rose, 10c. **Rosea alba.** White, with rose eye.... 10c.

Ⓟ **Alba pura.** Pure white, 10c. **Mixed,** above varieties..... 5c.

ⒽP **Violet, single** (The "English Sweet Violet"). A favorite hardy little plant, prized for its long-continued bloom and its delicate odor, 6 in. (*Double Violets do not seed.*)

ⒽP **Light Blue**....10c. **White**....10c. **Purple**....10c. **Mixed**.. 10c.

ⒶA **Virginian Stock, mixed.** Charming dwarf annuals, with bright colored flowers, making the garden gay in early summer, ½ ft.. 5c.

ⒶA **Viscaria, finest, mixed colors.** Handsome annuals, making a splendid show when massed; large round single flowers of white, scarlet, blue, flesh, margined and marked with various colors, 1 ft. 5c.

ⒶA **new dwarf large flowering, mixed.** Splendid..... 10c.

ⒽP **Wallflower.** Exquisitely fragrant long spikes of single or double flowers.

ⒽP **Single large flowering, mixed**..... 5c.

ⒽP **Double large flowering, mixed**..... 10c.

Imported collection of 6 double sorts, 50 cts.

Water Lilies. (*See page* 102.)

ⒶA **Whitlavia, mixed.** Free blooming hardy annuals, large bell-shaped flowers of blue, white, violet, etc., 1 ft..... 5c.

Ⓐ **Wigandia Caracasana.** Noble foliage plant for lawn, leaves 3 feet long by 1½ wide, richly veined, tender annual, 7 ft..... 10c.

ⒽP § **Wistaria.** Of luxuriant and rapid growth, bearing in the spring immense panicles of purple or white flowers produced in great profusion, 50 to 75 ft.

ⒽP § **Chinese, blue**.....10c. **Chinese, white.** Fragrant..... 10c.

ⒶA **Xeranthemum, mixed.** Showy, hardy annuals, of the easiest culture, and the flowers, of various colors, from their peculiar dry character, may be preserved for a long time, 2 ft..... 5c.

ⒶA **superbissima, mixed.** A new variety of dwarfer habit and very double flowers of various colors..... 10c.

ⒽP **Yucca filamentosa** ("Adam's Needle" or "Spanish Bayonet"). A very desirable hardy perennial, of picturesque and showy effect when grown as specimens on the lawn or in borders. The flowers are creamy white, very large, bell-shaped, borne sometimes as many as 300 on a single spike; grows freely in any soil, 4 to 6 ft.. 10c.

ⒶA **Zinnias.** (*See page* 89.)

For Signification of Characters ⒷB, ⒶA, etc., see page 90.

Popular or Common Names of Flower Seeds.

	PAGE.
Aconite. *Aconitum*	90
Adam's Needle. *Yucca*	96
Allegheny Vine. *Adlumia*	90
American Cowslip. *Dodecatheon*	92
Amethyst. *Browallia*	90
Angel's Trumpet. *Datura*	77
Animated Oats. *Avena Sterilis*	92
Artemesia. *Chrysanthemum*	75
Auricula. *Primula Auricula*	95
Bachelor's Buttons. *Centaurea Cyanus*	74
Globe Amaranth	78
Balsam Apple. *Momordica balsamina*	94
Balsam Pear. *Momordica charantia*	94
Banana (Abyssinian). *Musa*	81
Bear's Breech. *Acanthus*	90
Bee Larkspur. *Delphinium Le Mastadonte*	92
Bell Flowers. *Campanula*	73
Bitter Sweet Vine. *Celastrus*	91
Blackberry Lily. *Pardanthus*	94
Black-eyed Susan. *Rudbeckia*	95
Blue Bells. *Campanula rotundifolia*	73
Blue Bottle. *Centaurea Cyanus*	74
Blue Gum Tree. *Eucalyptus globulus*	92
Bluet. *Centaurea Cyanus*	74
Boston Ivy. *Ampelopsis Veitchii*	90
Brazilian Morning Glory. *Ipomœa Setosa*	80
Bugle Vine. *Calampelis*	91
Burning Bush. *Dictamnus*	92
Butterfly Flower. *Schizanthus*	96
Butterfly Pea. *Centrosema*	73
California Poppy. *Eschscholtzia*	78
Cape Hyacinth. *Hyacinthus Candicans*	93
Cape Marigold. *Calendula pluvialis*	73
Cape Primrose. *Streptocarpus*	96
Cardinal Flower. *Lobelia Cardinalis*	93
Castor Oil Plant. *Ricinus*	86
Chimney Bell Flower. *Campanula pyramidalis*	73
China Pinks. *Dianthus Chinensis*	77
Chinese Bell Flower. *Platycodon*	95
Climbing Fumatory. *Adlumia*	90
Cloud Grass. *Agrostis nebulosa*	92
Cockscomb. *Celosia Cristata*	74
Coliseum Ivy. *Kenilworth Ivy*	93
Columbine. *Aquilegia*	69
Cone Flower. *Rudbeckia*	95
Coreopsis. *Calliopsis*	72
Corn Flower. *Centaurea Cyanus*	74
Cowslip. *Primula veris*	95
Crown of the Field. *Agrostemma*	90
Cruel Plant. *Physianthus*	95
Cushion Pink. *Armeria*	90
Daisy, Double. *Bellis*	72
Damask Violet. } *Sweet Rocket*	95
Dame's Violet. }	
Dawn Flower. *Ipomœa Leari*	80
Devil's Fig. *Argemone*	90
Devil in a Bush. *Nigella*	94
Dusty Miller. { *Cineraria maritima.*	91
{ *Centaurea, wh. leaved*	91
Dutchman's Pipe Vine. *Aristolochia sipho*	90
Edelweiss. *Gnaphalium*	92
Evening Glory. *Ipomœa grandiflora.*	80
Evening Primrose. *Œnothera*	94
Evening Scented Stock. *Mathiola.*	93
Everlasting Pea. *Lathyrus latifolius*	80
Everlastings. { *Acroclinium*	90
{ *Ammobium*	90
{ *Globe Amaranth*	78
{ *Helichrysum*	79
{ *Helipterum*	93
{ *Rhodanthe*	95
{ *Xeranthemum*	96
Featherfew, Golden. *Pyrethrum aureum*	95
Feather Grass. *Stipa pennata*	92
Fever and Ague Tree. *Eucalyptus*	92
Feverfew, White. *Matricaria*	93
Fire on the Mountain. *Euphorbia*	92
Flora's Paint Brush. *Cacalia*	91
Flos Adonis. *Adonis Æstivalis*	90
Flos Jovis. *Agrostemma*	90
Floss Flower. *Ageratum*	69
Flowering Flax. *Linum*	93
Flowering Maple. *Abutilon*	90
Forget-me-not. *Myosotis*	82
Fountain Plant. *Amaranthus salicifolius*	69
Four o'Clocks. *Marvel of Peru*	81
Foxglove. *Digitalis*	92
Gas Plant. *Dictamnus*	92
Gilliflower. *Stocks*	87
Glory Pea. *Clianthus*	91
Golden Feather. *Pyrethrum aureum*	95
Golden Tuft. *Alyssum Saxatile*	69
Hawk's Beard. *Crepis*	91
Heartsease. *Pansy*	83
Hop, Japan. *Humulus*	93
Horned Poppy. *Glaucium*	92
Hose in Hose. *Polyanthus duplex*	95
Hyacinth Bean. *Dolichos*	92
Immortelle. *See Everlastings.*	
Indian Pink. *Dianthus Chinensis*	77
Indian Shot. *Canna*	74
Insect Powder Plant. *Pyrethrum roseum*	95
Jack in the Green. *Nigella*	94
Japan Ivy. *Ampelopsis Veitchii*	90
Jerusalem Cherry. *Solanum*	96
Jerusalem Cross. *Lychnis chalcedonica*	93
Job's Tears. *Coix lachrymæ*	92
Johnny Jumper. *Pansy*	83
Joseph's Coat. *Amaranthus tricolor.*	69
Lady's Slipper. *Balsam*	72
Lady Washington Geranium. *Pelargonium*	94
Love-in-a-Mist. *Nigella*	94
Love-lies-bleeding. *Amaranthus Candatus*	69
Madagascar Periwinkle. *Vinca.*	96
Mallow Poppy. *Callirhoe*	91
Marguerites. *Chrysanthemum frutescens*	91
Marsh Mallows. *Hibiscus*	93
May Pops. *Passiflora incarnata*	74
Mexican Fire Plant. *Euphorbia heterophylla*	92
Mexican Mountain Rose. *Antigonon*	90
Mexican Poppy. *Argemone*	90
Monkey Flowers. *Mimulus tigrinus*	81
Monk's Hood. *Aconitum*	90
Moon Flower. *Ipomœa grandiflora.*	80
Moon Penny Daisy. *Chrysanthemum latifolium*	91
Moonwort. *Honesty*	93
Morning Glory. *Convolvulus*	74
Mountain Fringe. *Adlumia*	90
Mourning Bride. *Scabiosa*	86
Musk Plant. *Mimulus moschatus*	81
Noon-day Glory. *Ipomœa Sinuata.*	67
Ox-Eye Daisy. *Chrysanthemum latifolium*	91
Palma Christa. *Ricinus*	86
Pampas Grass. *Gynerium*	92
Paris Daisy. *Chrysanthemum frutescens*	91
Periwinkle. *Vinca*	96
Pheasant's Eye. *Adonis autumnalis.*	90
Picotee Pink. *Carnation*	76
Pimpernelle. *Anagallis*	90
Pinks. *Dianthus*	76 & 77
Polyanthus. *Primula elatior*	94
Pot Marigold. *Calendula*	73
Prickly Poppy. *Argemone*	90
Primrose. *Primula*	86
Quaking Grass. *Briza*	92
Ragged Robin. } *Centaurea Cyanus.*	74
Ragged Sailor. }	
Red Hot Poker. *Tritoma*	96
Rose-a-Ruby. *Adonis autumnalis*	90
Rose Campion. } *Agrostemma*	90
Rose of Heaven. }	
Sand Verbena. *Abronia*	90
Satin Flower. *Honesty*	93
Scarlet Avens. *Geum*	92
Scarlet Flax. *Linum coccineum*	93
Scarlet Flos. *Adonis*	93
Scarlet Sage. *Salvia splendens*	86
Screw Pine. *Pandanus*	94
Sea Pink. *Armeria*	90
Sensitive Plant. *Mimosa*	94
Silk Oak. *Grevillea*	92
Snap Dragon. *Antirrhinum*	69
Snake Cucumber. *Cucumis flexuosus*	91
Snow in Summer. *Cerastium*	91
Snow on the Mountain. *Euphorbia variegata*	92
Spanish Bayonet. *Yucca*	96
Spider Plant. *Cleome*	91
Standing Cypress. *Ipomopsis*	93
Stock-Gilli. *Stocks*	87
Straw Flowers. *Helichrysum*	79
Sultan's Balsam. *Impatiens*	93
Sundrops. *Œnothera*	94
Swan River Daisy. *Brachycome*	90
Sweet Scabious. *Scabiosa*	86
Tassel Flower. *Cacalia*	91
Torch Flower. *Tritoma*	96
Trumpet Creeper. *Bignonia*	90
Umbrella Plant. *Cyperus*	91
Virgin's Bower. *Clematis flammula*	91
Wax Pinks. *Mesembryanthemum*	94
Wax Work Vine. *Celastrus*	91
Western Wall Flower. *Erysimum.*	92
Wild Cucumber. *Echinocystis*	92
Wind Flower. *Anemone*	90
Winged Everlasting. *Ammobium*	90
Woodruff. *Asperula odorata*	90
Youth and Old Age. *Zinnia*	89

SOME FLOWERS FOR SPECIAL SITUATIONS AND PURPOSES

THAT CAN BE GROWN FROM SEED.

CLIMBERS. Annual Varieties, Large-growing, for quickly covering Arbors, Verandas, etc.

Argyreia, Canary Bird Vine, Cephalandra, Cobæa, Convolvulus or Morning Glory, Cucumis, Echinocystis, Gourds, Humulus Japonicus, Ipomœa, Mina, Momordica, Passion Flower.

CLIMBERS. Annual Varieties, Low-growing, for Fences, Trellises, etc.

Balloon Vine, Bryonopsis, Calampelis, Coccinea, Cucumis, Cypress Vine, Dolichos, Loasa, Nasturtium, Physianthus, Sweet Peas, Thunbergia, Tropæolum.

CLIMBERS. Hardy Perennial Varieties, for Permanent Situations.

(*Those marked * cling to walls, etc., by little roots growing from the stems.*)

Abobra, Adlumia, *Ampelopsis Veitchii, Aristolochia Sipho, Asparagus Broussoneti, Bignonia or Trumpet Creeper, Celastrus Scandens, Centrosema, Clematis, Honeysuckle, Hop, *Kenilworth Ivy, Lathyrus Latifolius, Wistaria.

CLIMBERS, for Greenhouse and Window Garden.

Antigonon, Aristolochia Elegans, Asparagus Plumosus Nanus, Cobæa, Ipomœas, Lapageria, Lobb's Nasturtium, Maurandia, Passion Flower, Rhodochiton, Smilax.

PLANTS for Vases, Veranda Boxes and Hanging Baskets.

Drooping and Trailing Varieties to hang over the sides.

Abronia, Alysaum, Candytuft, Convolvulus Mauritanicus, Ice Plant, Kenilworth Ivy, Lobelia Gracilis, Maurandia, Nolana, Oxalis, Petunia, Sanvitalia, Sedum, Smilax, Torenia, Tropæolum.

Upright-growing Varieties.

(*Those marked * are suitable for "Centre Plants."*)

Begonia, Browallia, Calendula, Centaurea, white leaved; Cineraria Maritima, Coleus, *Cyperus, *Dracæna Indivisa, Fern, Fuchsia, Geranium, *Grevillea, Heliotrope, Impatiens, *Musa, *Palm, Latania; *Palm, Seaforthia; *Palm, Areca; *Pandanus, Pansy.

Colored Foliage Plants for Ribbon Bedding, etc.

Amaranthus, Centaurea, white leaved; Cineraria Maritima, Coleus, Echeveria, Glaucium, Perilla, Pyrethrum Aureum.

Large-growing Plants, suitable for Tropical Groups or Specimens on Lawns.

(*Those marked ℙ are hardy perennials.*)

ORNAMENTAL FOLIAGE VARIETIES.

ℙ Acanthus, Aralia, ℙ Bocconia, Eucalyptus, Grevillea, Musa, Nicotiana Colossea, Musa, Ricinus, Wigandia.

FLOWERING VARIETIES.

Canna, Cleome, Humea Elegans, Hyacinthus, ℙ Pæonia, ℙ Pampas Grass, Polygonum, Salvia, ℙ Tritoma, ℙ Yucca.

PLANTS suitable for Edgings.

Annual Varieties.

Alyssum, Tom Thumb, Ageratum, Little Dorrit; Celosia, Queen of Dwarfs; Centaurea Candidissima, Fenzlia, Globe Amaranth, nana compacta; Gypsophila Muralis; Lobelia, Nigella, Tom Thumb; Petunia, Dwarf Inimitable; Phlox Drummondi, nana compacta; Pyrethrum Aureum, Saponaria, Silene, Torenia.

Hardy Varieties for Permanency.

Alyssum Saxatile, Arabis Alpina, Armeria, Candytuft Sempervirens, Cerastium, Platycodon Maresi.

BEDDING ANNUALS succeeding in Hot, Dry Situations.

Abronia, Calendula, Calliopsis, Callirhoe, Celosias, Coleus, Convolvulus Minor, Daturas, Ice Plant, Marigold, Little Brownie; Marvel of Peru, Mesembryanthemum, Nasturtiums, Œnothera Taraxacifolia, Petunias, Portulaca, Salvia Splendens, Sanvitalia, Tagetes Signata, Verbenas, Vinca.

PLANTS succeeding in semi-shaded Situations.

Aconitum, Anchusa, Aquilegia, Auricula, Baptisia, Bellis, Cowslip, Digitalis, Ferns, Hardy Primroses, Mimulus, Myosotis, Nemophila, Pansy, Polyanthus, Violet.

EVERLASTINGS for Dried Winter Bouquets.

Acroclinium, Ammobium, Gnaphalium (Edelweiss), Globe Amaranth, Gypsophila Paniculata, Helichrysum, Helipterum, Honesty, Pardanthus, Ornamental Grasses, Rhodanthe, Xeranthemum.

PLANTS for Greenhouse and Window Garden.

Foliage Varieties.

Aralia, Cactus, Dracæna, Echeverias, Fern, Grevillea, Musa, Palms, Pandanus.

Flowering Varieties.

Abutilon, Acacia, Achimenes, Angelonia, Azalea, Begonias, Calceolaria, Calendula, Canna Madame Crozy, Carnation, Chrysanthemum Frutescens, Cineraria Hybrida, Clianthus, Cuphea, Cyclamen, Fuchsia, Geranium, Gloxinia, Heliotrope, Humea, Impatiens, Kalanchoe, Lantana, Lobelia, Mimulus, Mignonette, Nicotiana Affinis, Oxalis, Pelargoniums, Petunia, Primroses—Chinese, Obconica, Sieboldi and Cortusoides; Roses—Polyantha and Tea; Solanum, Stock, intermediate; Stevia, Streptocarpus, Torenias, Vinca. (*See also Climbers for house.*)

FRAGRANT FLOWERS.

Abronia, Alyssum, Sweet; Auricula, Asperula, Clematis Flammula, Dianthus, Heliotrope, Lavender, Martynia, Mathiola, Mignonette Nicotiana Affinis, Nycterinia, Physianthus, Polyanthus, Rocket, Scabiosa, Stock, Sweet Pea, Sweet Scented Pansies, Sweet Sultan, Violet, Wallflower.

Fragrant Foliage.

Apple Geranium, Dictamnus, Eucalyptus.

LILIUM AURATUM.

MEXICAN CORAL DROPS.

Bessera elegans.

Exquisite and free-blooming. Its flowers are borne in graceful umbels of 12 to 20, on stems 1 to 2 feet high, and open in succession during fully two months of summer and autumn. A bulb frequently throws up from 6 to 10 spikes in succession. Color, bright vermilion, marked with rosy white. For an effective display, at least 12 to 25 or more bulbs should be grown in groups in a sunny bed, planted about 6 inches apart.

Price, 5c. each, 50c. per doz., $3.75 per 100, free by mail.

CINNAMON VINE.

Dioscorea batatas.

Beautiful summer climber; glossy foliage and fragrant flowers; stem dies down in winter, but the root is hardy. Large selected roots, 5c. each, 50c. per doz., free by mail.

CALADIUM ESCULENTUM.

LILIES.

(*Add for postage* 3c. *per bulb.*)

Auratum. (*See cut.*) (The Golden Rayed Lily of Japan.) The grandest of all the Lily family. Flowers pure white, with crimson spots, while through the centre of each petal runs a clear golden band. Flowers measure nearly a foot across, produced abundantly; deliciously fragrant. 2 to 5 feet. First size bulbs, 25c. each, $2.50 per doz.

Krameri. Soft, beautiful rose color. 30c. each, $3.00 per doz.

Lancifolium, or Speciosum.

—**Album.** Purest white, 30c. each, $3.00 per doz.

—**Roseum.** White, shaded and spotted with rose. 20c. each, $2.00 per doz.

—**Rubrum.** White, shaded with deep rose and spotted red. 20c. each, $2.00 per doz.

CRINUM KIRKII.

This magnificent variety produces flowers of the greatest beauty. Usually, two flower stalks of dark purplish color are sent up at the same time, each bearing a large umbel composed of a dozen or more *enormous lily-like flowers* of wondrous beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe through the centre. The variety is so beautiful that it invariably elicits general admiration. (*See cut.*)

1 *lb. bulbs*, $1.00 each, *postage* 10c. *per bulb extra.*
1½ *lb. bulbs*, $1.50 each, *postage* 15c. *per bulb extra.*
2 *lb. bulbs*, $2.00 each, *postage* 20c. *per bulb extra.*

Cooperia Drummondi. (Evening Star Flower.) Blooms from May to September; the flowers are star-shaped, with long tubes, pure white and fragrant. 10c. each, 75c. per doz., $5.00 per 100, free by mail.

CALADIUM ESCULENTUM.

(Elephant's Ear.) Grand tropical-looking plant, producing enormous leaves 3 to 4 ft. long. A favorite for specimens on the lawn. Height, 4 to 5 ft. (*See cut.*)

	Circumference.	*Price.*	*Price by Mail.*
Extra size bulb.....	10 to 12 in.	$1.00	$1.25
First " "	8 to 9 "	.50	.65
Second size "	6 to 7 "	.25	.35
Third " "	4 to 5½"	.15	.20

HYACINTHUS CANDICANS.

(Giant Summer Hyacinth.) Luxuriant, free-growing, summer-flowering plant, spreading 2 to 3 feet, throwing up great, tall spikes 4 to 5 feet in height, each bearing 20 to 30 large white bell-shaped flowers; of easiest culture and splendid for groups. If planted in the centre of beds of scarlet Gladiolus, such as Brenchleyensis, the effect is magnificent. Price, 10c. each, $1.00 per doz., or *extra large bulbs*, 15c. each, $1.50 per doz. Postage, 3c. per bulb extra. Seed, per packet, 10c.

MADEIRA VINE.

The old favorite "Climbing Mignonette." Thick, glossy leaves, and long, hanging stems of feathery, fragrant white flowers. 5c. each, 50c. per doz., free by mail.

CRINUM KIRKII.

MONTBRETIA CROCOSMIFLORA.

This is one of the most floriferous and showy of autumn-flowering plants, and destined to great popularity. When properly grown—*i. e.*, a dozen or more bulbs planted 6 inches apart in a group in a sunny position and allowed to remain undisturbed for several years, protecting with a few inches of manure in winter—they will form magnificent clumps from 2 to 3 feet across, producing, in great numbers, graceful spikes 8 to 12 inches long, each spike bearing from 18 to 30 exceedingly showy star-shaped flowers, about 1¼ inches across, of a gay orange suffused with red. They flower freely the first season, but clumps of two or three years' standing are required to bring out the great merits. Price, 5c. each, 50c. per doz., $3.75 per 100, free by mail.

—**Rosea.** Charming rose color. 10c. each, $1.00 per doz., free by mail.

OXALIS, SUMMER-FLOWERING.

Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage, about 1 foot high, which produce flowers in endless succession.

—**Lasiandra.** Rosy pink, 15c. doz., $1.00 p. 100.
—**Deippa.** Rosy white, 15c. doz., $1.00 p. 100.

NEW TUBEROSE, "ALBINO."

Early Flowering—Branching.

The distinctive features of this single white tuberose are such as to make it most popular. The petals recurve gracefully, which add greatly to the size of the individual flower. The flower spikes are very large and evenly filled; flowers in **July** and **August**, throwing from **two to five flower stems from a single bulb,** and these again are often **branched,** but its great merit above all other Tuberoses is that it is entirely free from the brown tint common to the old sort on the back of the petals, the tube and expanded sepals being of the purest waxy white, making it one of the most valuable plants ever introduced for cut flowers. This characteristic is so distinct that when first seen, being single, it might be said to resemble a Stephanotis, or some species of Jessamine as much as a Tuberose, both in appearance and fragrance, for the odor is less heavy than that of the ordinary Tuberose. Price, 15c. each, $1.50 per doz., $10.00 per 100. (*If wanted by mail, add for postage* 10c. *per dozen extra; single bulbs mailed free.*)

TUBEROSE, "SILVER LEAF."

This beautiful variety deserves to be largely grown, as it is always showy and effective even when not in bloom, the foliage being distinctly striped, white and green. Each bulb frequently throws up two or more spikes 3 to 4 feet high, each bearing from 25 to 40 pure white, waxy flowers, much like an orange flower or Stephanotis, with a delicate and enchanting perfume. They flower several weeks earlier than double tuberoses, and the bulbs bloom year after year. Price, 10c. each, $1.00 per dozen, $6.00 per 100. (*If wanted by mail, add for postage* 10c. *per dozen extra; single bulbs mailed free.*)

DOUBLE DWARF PEARL TUBEROSE.

DOUBLE DWARF PEARL TUBEROSE.

This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well known to need any description. It delights in a strong, rich, deep, well-drained, warm soil; manure, heat and water are essential to its perfect development. This variety, which we introduced and named, grows only twenty-four inches, about half the height of the old double sort, and the flowers are nearly twice the size (often two inches in diameter), and imbricated like a camellia; deliciously fragrant. (*See cut.*) Extra size bulbs, 5c. each, 50c. per dozen, $3.50 per 100. (*If wanted by mail, add for postage* 10c. *per doz. extra; single bulbs mailed free.*)

MEXICAN STAR OR FROST FLOWER.

(*Milla biflora.*)

A beautiful Mexican summer-blooming bulb. A group of them is always in flower after the middle of summer and very attractive. Flowers, star-shaped, 2 inches across, clear waxy white, of great substance, enlivened by a frost-like sparkle; the fragrance is delightful. Place a stalk in water and the flowers will all open; we have seen 11 stalks shoot up successively from one bulb. The bulbs flower profusely and with great certainty. Height, 12 to 18 inches. For an effective display, groups of 12 to 25 or more should be planted about six inches apart in a sunny bed. Price, 5c. each, 50c. per dozen, $3.75 per 100, free by mail.

TIGRIDIAS.

(Peacock or Shell Flower.) Extremely handsome summer-flowering bulbs, growing about 2 feet high, producing large, gorgeous flowers, exquisitely spotted; they flower very freely throughout the summer. (*See cut.*) (*If wanted by mail, add for postage* 5c. *per doz. extra; single bulbs mailed free.*

——**Conchiflora.** Dark yellow, large red spots. 5c. each, 40c. per dozen, $2.75 per 100.
——**Pavonia Grandiflora.** Large bright crimson, centre mottled with yellow. 5c. each, 50c. per doz., $3.00 per 100.
——**Grandiflora Alba.** Pearly white, with a yellow cup gorgeously spotted with crimson. Price, 8c. each, 75c. per dozen.
——**Grandiflora Lilacea** (new). Large flowering lilac with purple and white spots in centre. 15c. each, $1.50 per dozen.
——**Grandiflora Rosea** (new). Bright rose, large flowering. 15c. each, $1.50 per doz.
——**Grandiflora Aurea** (new). Pure deep golden yellow. 25c. each, $2.50 per doz.

ZEPHYRANTHES.

"Zephyr Flowers" and "Flowers of the West Wind," among our most beautiful dwarf bulbous plants, very effective for planting out in masses in May, flowering with great profusion during the summer. They are also most suitable for pot culture; 6 to 12 bulbs clustered in a 6-inch pot in the autumn will give a fine display of bloom. 1 foot high. Postage free.

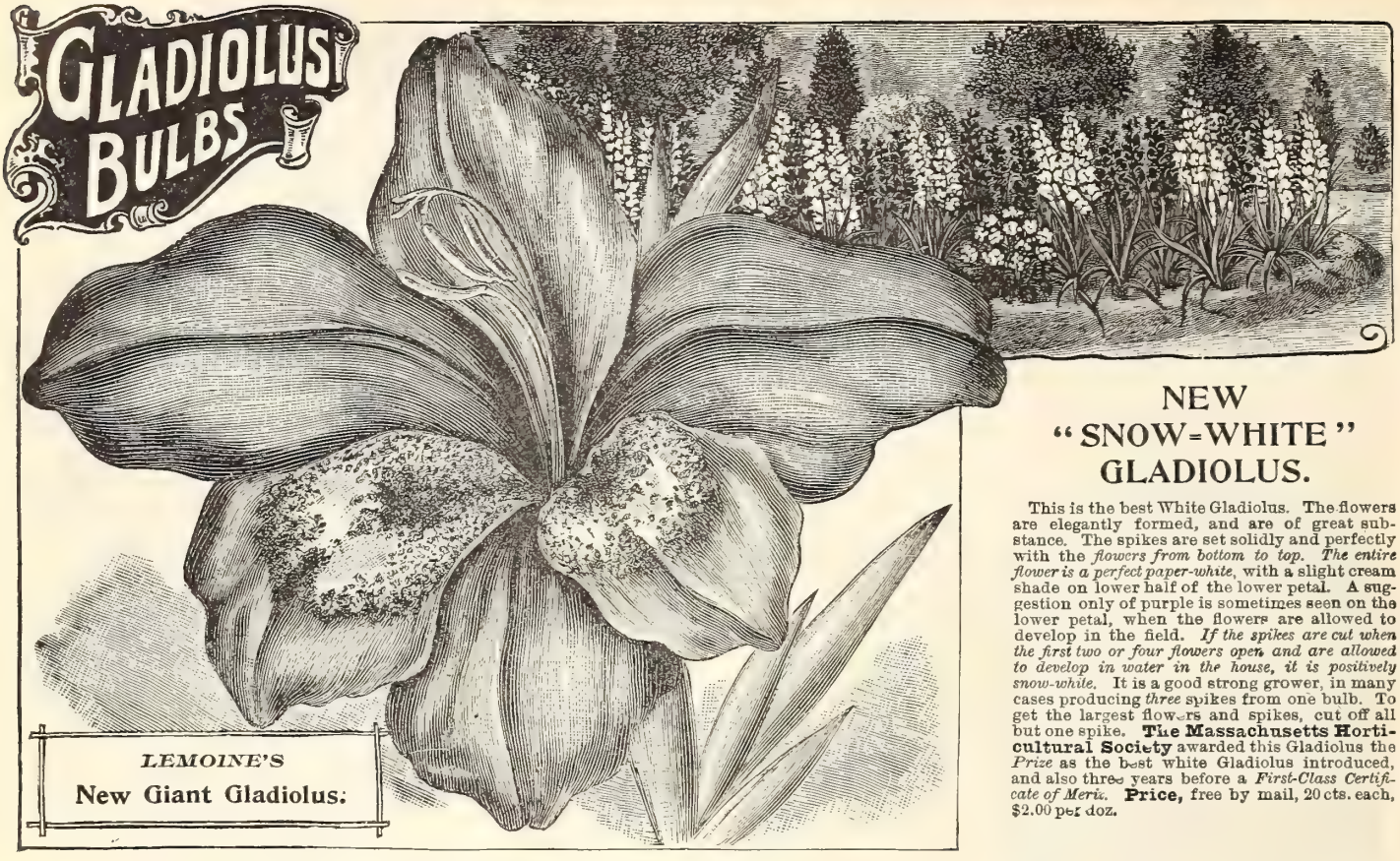
——**Atamasco.** White, suffused with flesh color; hardy. 3 for 10c., 30c. per doz., $2.00 per 100.
——**Candida.** Large flowering, pure white. 5c. each, 50c. per doz., $2.50 per 100.
——**Rosea.** Large flowers, 3 to 4 inches across, of the most exquisite rose pink. Price, 5c. each, 50c. per doz., $3.75 per 100.
——**Texanus.** Bright yellow. 5c. each, 50c. per dozen, $3.75 per 100.

PANCRATIUM CALATHINUM.

(Peruvian White Sea Daffodil.) Handsome clusters of large, striking, very fragrant, pearly white flowers. Bulbs should be kept warm and dry, and planted out in the middle of May. They will then commence flowering in July. It is also admirably adapted for pot culture, and can be forced into flower in 6 to 8 weeks' time. 20c. each, $2.00 per doz. (*If by mail, add 2c. each extra for postage.*)

TIGRIDIAS.

GLADIOLUS BULBS



NEW "SNOW-WHITE" GLADIOLUS.

This is the best White Gladiolus. The flowers are elegantly formed, and are of great substance. The spikes are set solidly and perfectly with the *flowers from bottom to top. The entire flower is a perfect paper-white*, with a slight cream shade on lower half of the lower petal. A suggestion only of purple is sometimes seen on the lower petal, when the flowers are allowed to develop in the field. *If the spikes are cut when the first two or four flowers open and are allowed to develop in water in the house, it is positively snow-white.* It is a good strong grower, in many cases producing *three* spikes from one bulb. To get the largest flowers and spikes, cut off all but one spike. **The Massachusetts Horticultural Society** awarded this Gladiolus the *Prize* as the best white Gladiolus introduced, and also three years before a *First-Class Certificate of Merit.* **Price,** free by mail, 20 cts. each, $2.00 per doz.

LEMOINE'S NEW GIANT GLADIOLUS.

Gorgeous Colors and Marvelous Markings. Enormous Flowers the Size of Tea Plates.

This new race of extraordinarily beautiful Gladiolus represents the grandest achievements in the perfection of this genus since its introduction. It is a cross between Saundersii and Lemoinei, and has not only retained the long-lasting properties and the beautiful spots of the latter, but its flowers have reached ENORMOUS DIMENSIONS, far SURPASSING any others, and much resembling Orchids of the brightest hues and most curious designs.

MIXED VARIETIES, 50c. each, $5.00 per doz., free by mail.

GLADIOLUS IN COLLECTIONS.

☞ (*If by mail, add at the rate of* 10c. *per dozen for postage*).

Surprise Collection, 12 choice mixed, each bulb of a different variety, for **$0.50**
Bijou " 12 extra choice seedlings, unnamed, each different, " **.75**
Rainbow " 12 choice named varieties " **1.00**

Special Set of 12 Really Grand Gladiolus for **$2.75**
Collection of 50 Named Varieties, page 101 " **4.00**
or, Full Set of the 5 Named Collections " **8.50**

Henderson's Special Set of 12 "REALLY GRAND GLADIOLUS."

Abricote. A very charming and novel color, soft, satiny, coppery pink, as lustrous in the sunlight as if burnished. Flowers of great size, with large round petals. A robust grower. 50 cts. each, $5.00 per doz.

Ali. Splendid, tall and compact spike, with numerous and perfectly arranged flowers of quite a peculiar and remarkable color; the ground of the upper petals is of a very pale creamy rose, striped and penciled cherry-red, one (or more frequently two) of the lower petals is yellow with a rose sheen and finally rayed or striped purplish red.

Aurore. A very bright and lovely variety. Flowers of largest size, bright salmon-rose, striped orange, carmine and lilac, with beautiful blotch of cherry-rose streaked with lilac.

Baroness Burdett Coutts. Delicate lilac tinged with rose, flamed rosy purple. Spike very long, flowers unusually large. *A decided acquisition.*

De Lesseps. Superb large flowers of rosy white suffused with pink, flaming into red carmine-lake at the edges. Strong, upright grower; fine spike.

Duchess of Edinburgh. One of the grandest Gladiolus grown. Great, strong spikes of immense flowers, deep lilac pink, with the sheen of satin.

Fred. Douglass. The finest dark-colored Gladiolus grown. Flowers unusually large, of a rich velvety claret-maroon, beautifully marked and shaded.

Grand Rouge. A magnificent variety. Splendid, strong spike of enormous flowers; bright scarlet, with violet blotches.

Mr. Baines. A splendid grower. Tall spikes of immense flowers of burnished orange-red. One of the most striking in our fields.

Mlle. Marie Mies. Exquisite delicate rose, flamed with carmine, with blotches of rosy purple on pure white ground. Flowers of unusually large size, forming a dense spike.

Mme. Auber. A tall, well-filled spike of extra large and beautifully shaped flowers, silvery lilac-rose, dappled with crimson-rose toward the edges; blotches creamy white. 50 cts. each, $5.00 per doz.

Sunshine. The best yellow ever produced. Strong, upright grower, with enormous spikes of large flowers of much substance; color pure, rich yellow.

PRICE FOR ANY OF THE ABOVE, not specially mentioned, 25c. EACH, $2.50 PER DOZ., OR THE FULL SET OF 12 FOR $2.75, OR BY MAIL, $2.85.

GLADIOLUS IN MIXTURES.

☞ (If desired by mail, add for postage 10c. per doz.)

	Each.	Per doz.	Per 100.
All Colors, Mixed	4c.	30c.	$2.00
American Hybrids, Mixed	5c.	50c.	3.00
White and Light Varieties, Mixed	5c.	50c.	3.00
Striped and Variegated Varieties, Mixed	5c.	50c.	3.00
Pink Varieties, Mixed	5c.	50c.	3.00
Red and Scarlet Varieties, Mixed	4c.	30c.	$2.00
Yellow Varieties, Mixed	5c.	50c.	3.25
Scarlet and Pink, with White Throats	5c.	50c.	3.75
Lemoine's Butterfly Gladiolus, Mixed	5c.	50c.	3.75

One dozen each (108 in all) of the above mixtures, all kept separate, for $4.00; 50 each (450 in all) for $12.00; 100 each (900 in all) for $23.00

☞ *If desired by mail, add at the rate of* 10c. *per dozen for postage.*

CHOICE NAMED GLADIOLUS.

Varieties which flower first are marked **A**; those which flower somewhat later, **B**; still later, **C**; the latest, **D**.

Price for any of the Gladiolus on this page, 10 cts. each, $1.00 per doz., or by mail, $1.10 per doz.; the set of 50 varieties for $4.00 or by mail, post-paid, $4.40. Single Bulbs mailed free.

WHITE GLADIOLUS.

La Candeur. *C.* White, lightly striped with carmine-violet.
John Bull. *A.* White, lightly tinged with sulphur.
Diamant. *A.* Flowers extra large, fleshy white, of a remarkable freshness, throat ivory-white, blotched and streaked carmine, new color of exceptional distinctness, early flowering; a magnificent plant.
Shakespeare. *A.* White, very slightly suffused with carmine-rose; large rosy blotch.

ROSE AND PINK GLADIOLUS.

Archduchess Marie-Christine. *A.* White, slightly tinged with lilac, flamed rosy carmine; large flowers of excellent form, handsome spike.
Carnation. *A.* Large well-expanded flowers of a fleshy white color, profusely tinged at the edges with the richest carmine, the lower petals blotched purplish carmine; fine, long, well-furnished spike.
Elizabeth. *B.* Dark rose, flamed with bright carmine-purple; purple-carmine blotch, white stripes.
Eugene Scribe. *A.* Flower very large and wide, perfect tender rose, with blazed carmine-red.
Sylvie. *A.* White, slightly edged with delicate cherry-rose, throat very clear; perfectly shaped flowers, showing the ivory blotch to great advantage.

FLESH AND SALMON GLADIOLUS.

Calypso. *D.* Flesh-colored rose, streaked with rose and blotched carmine.
Fatma. *C.* Very large flowers of ivory-white ground, profusely striped and suffused with bright rosy salmon; violet blotch on creamy ground.
Hesperide. *B.* Profusely blotched and flaked bright rosy salmon on a pure white ground; handsome spike of grand effect.
Feu Follet. *B.* Well-opened flowers, with ivory-white throat, richly tinted and striped with carmine at the edges of the sepals.
Seduction. *B.* Splendid spike with rosy salmon-colored flowers, very bright and open, of a delicate pearly rose, throat very clear, with large, white blotch, feathered carmine.

SCARLET AND DAZZLING RED.

Gen. Phil. Sheridan. Long spike of fire-red flowers of large size, a distinct white line running through each petal, and a large pure white blotch on the lower; a remarkably showy variety.
Flamboyant. *B.* Beautiful spike of large flowers, fiery scarlet; very effective variety.
Brenchleyensis. *C.* Bright vermilion-scarlet.
Lord Byron. *B.* Brilliant scarlet; blotched and flaked pure white; very showy.
Myerbeer. *C.* Brilliant scarlet, flamed with vermilion amaranth-red blotch.
Romulus. *A.* Very brilliant dark red, large pure white blotch, white lines on lower petals; very showy.

VIOLET AND PURPLE GLADIOLUS.

Cleopatra. *C.* Soft lilac, the lower petals of a darker hue, suffused with violet; purple feathered blotch.
Eugene Ramey. *A.* Dwarf, splendid spike, very straight and firm, flowers large, purplish amaranth, with a sheen of ivory-lilac; edges slightly mottled with slate; novel and distinct shade.
Phidias. *C.* Very brilliant purple ground, slightly tinted with violet, large pure white blotch, feathered with carmine-cherry; very showy.

LILAC GLADIOLUS.

Apollon. *B.* Rosy lilac, with a large light rose blotch; finely striped white in the centre.
Leander. *B.* Extra large flower of lilac color, beautifully shading off to carmine, a distinct white band in the middle of each petal and conspicuous white blotch on lower petals; fine spike.
Panorama. *B.* Very large spike of well-arranged flowers of a beautiful lilac, shaded and mottled with brilliant carmine, throat creamy white, centre of each petal banded white, new shade of color, very effective, medium height.

ORANGE-RED GLADIOLUS.

Antiope. *B.* Light orange-cherry, with a dark carmine blotch on pure white ground.
Mac-Mahon. *C.* Satin orange-colored cherry-rose, striped red; first-rate.
Pyramide. *B.* Handsome and perfect spike, broader at the lower part than at the top; large, well-expanded flowers of the brightest and most delicate orange-rose; plant of medium height, exceptionally fine.

CARMINE GLADIOLUS.

Dumont D'Urville. *A.* Very long spike; a bright cherry, flaked and striped rich carmine; distinct pure white blotch, white stripe in the centre of each petal.
Eugene Souchet. *C.* Fine spike, bright carmine-rose color, relieved by a large white blotch and stripes, rising from the intense colors at edges of the petals; very fine, effective variety.
Zenobia. *B.* Rose, slightly tinted with violet, flamed with dark carmine, large white blotch feathered with carmine; very fine.
Semiramis. *D.* Carmine-rose on white ground, flamed with bright carmine; unrivaled variety.

CHERRY-RED & CRIMSON.

Achille. *C.* Beautiful currant-red, white stripe in the middle of each petal.
Lamarck. *D.* Very long spike of large fl. cherry color, slightly tinted with orange, blazed with red, centre very well lighted, with a large pure white stain; a very fine variety.
Le Tintoret. *C.* Fine cherry-rose, flamed with carmine, carmine blotched on yellow-tinted ground.
Antonius. *C.* Scarlet-cherry, slightly tinged with orange, flamed carmine, pur white blotch.

GARNET AND AMARANTH RED.

Addison. *B.* Dark amaranth with white stripes.
Constance. *B.* Of semi-dwarf habit, very vigorous, producing regularly compact and well-furnished spikes of amaranth-red flowers, with a small creamy white blotch.
Africain. *C.* Entirely distinct variety of quite a novel color, slaty brown on scarlet ground, streaked with scarlet and pure white, with conspicuous white blotch; a dark-colored variety of remarkable effect; dense spike.

YELLOW GLADIOLUS.

Chrysolora. This is the finest variety of its color in existence; the spikes are large and perfectly shaped; color, a superb rich yellow, exquisitely threaded crimson at base of petals.
Crœsus. *B.* Very large flower; yellow, shaded darker toward the centre, flamed carmine at the edges, and feathered amaranth-red on salmon ground.
Isaac Buchanan. *C.* Finest yellow for massing.
Martha Washington. *B.* Light yellow, lower petals slightly tinged rose, large flowers, and fine spikes.

BUTTERFLY GLADIOLUS.

LEMOINE'S LARGE STAINED HYBRIDS.

Engeissiri. Very deep pink; lower petals blotched bright maroon.
Enfant de Nancy. Flowers medium sized, purplish red, lower petals deep crimson. Color and blotching entirely unknown heretofore in Gladioli.
Incendiary. Velvety dark red; magnificently marked.
Lamartine. Large flowers; rosy flesh, large bright maroon blotch on the lower petals.
Lemoinei. Good-sized flowers, closely set on the spike; upper petals of a creamy white color, tinted salmon-red, the lower ones spotted with deep purplish crimson, bordered with bright yellow and salmony red.
W. E. Gumbleton. Flowers very large and open; purplish rose, streaked with rich carmine; spots velvet, surrounded with yellow; an unusually beautiful variety.

Price for any of the above, 10c. each, $1.00 per doz., or by mail, $1.10 per doz.; the collection of 50 varieties on this page for $4.00, or by mail, post-paid, $4.40.

SINGLE BULBS MAILED FREE.

EGYPTIAN LOTUS.

THE ease with which Water Lilies and Aquatics are cultivated, the certainty of handsome results the same season they are planted, the magnificent flowers of great variety of form and color, their delicate perfume and the great fascination in growing them, is making the water garden widely popular. All of the varieties may be grown in half barrels or tubs two-thirds full of well-enriched soil covered with an inch or two of sand, filled with water and placed in a sunny position in the lawn or a fountain basin, though the cultivator generally becomes so enthusiastic in a season or two that an artificial pond is created, which is easily done and at small cost.

Our pamphlet, "THE CULTURE OF WATER LILIES AND AQUATICS," *40 pages, illustrated, gives directions for preparing artificial ponds, etc., and wintering over the roots, growing seeds, and describes all varieties, etc.* PRICE, 25c.

WATER LILY SEEDS. Under most of the varieties we offer seeds; they are easily grown, but are not likely to produce flowering plants the first season. The Zanzibarensis varieties, however, excepted; these, if properly handled, flower freely in a few weeks' time.

EGYPTIAN OR SACRED LOTUS.

(*Nelumbium Speciosum.*)

A noble aquatic; the leaves attain at the time of blooming a height of 5 to 6 feet above the surface, and measure from 20 to 30 inches across; the immense flowers are frequently over a foot across and of a lovely white shading into deep pink at the edges. It is a luxuriant grower and blooms profusely, and is easily cultivated. When the roots are planted below frost-line it has proved perfectly hardy in New Jersey. (*See cut.*) Price of roots, $1.50 each; seeds, per pkt., 25c.

AMERICAN YELLOW LOTUS.

(*Nelumbium Luteum.*)

Though a native it is not common. In general appearance and habit it is almost identical with the Egyptian Lotus, excepting the flowers, which are of a rich sulphur yellow, 6 inches across and strongly fragrant. Price of roots, 75c. each; seeds, per pkt., 15 cts.

NYMPHÆA DENTATA.

NYMPHÆA DEVONIENSIS

The handsomest of all red varieties; flowers bright rosy crimson, 8 inches or more across; leaves a foot or more across, of dark coppery green. If the growth is started in heat in the spring it blooms much earlier in the season. Price of roots, $2.00 each.

NYMPHÆA DENTATA.

A magnificent variety; flowers of chalky whiteness and immense size, 8 to 14 inches across; the stamens, deep yellow, stand upright, giving a charming effect; leaves large, deep green and serrated. (*See cut.*) Price of roots, $2.00 each; seeds, per pkt., 25 cts.

Nymphæa Cœrulea or Stellata.

Beautiful, free flowering and very fragrant; flowers 5 to 8 inches across, of a rich ultramarine blue; may be flowered all the year round in moderate warmth. Leaves light green, slightly spotted. Price of roots, $1.50 each; seeds, per pkt., 25 cts.

The Zanzibar Water Lilies.

(*Nymphæa Zanzibarensis.*)

The flowers, while not so large as those of the above varieties—only 4 to 6 inches across—yet are produced in such continuous abundance throughout the season until frost, and will even continue until late in the winter if the tubs are removed to the greenhouse, they give the best satisfaction, and besides are enchantingly fragrant. The flowers remain open from in the morning until 4 o'clock in the afternoon. For cultivation in tubs it is, perhaps, the best of all. Plants from seed will flower freely the first season, though commencing much later in the season than when roots are planted. (*See cut.*)

Azure Blue. Price of roots, $1.25 each; seeds, per pkt., 25 cts.

Rose Color. Price of roots, $1.25 each; seeds, per pkt., 25 cts.

Dark Purple. Price of roots, $3.00 each; seeds, per pkt., 25 cts.

NYMPHÆA ZANZIBARENSIS.

WATER LILIES—HARDY.

NYMPHÆA ODORATA.

The well-known white fragrant water lily indigenous to our ponds. Price of roots, 25 cts. each, $2.50 per doz.; seeds, per pkt., 15 cts.

NYMPHÆA CANDIDISSIMA.

The large-flowered white variety of Europe. Flowers 6 inches across and waxy white; leaves 10 to 12 inches across. It flowers earlier and continues longer than our native species. Price of roots, $2.00 each.

NYMPHÆA ALBA ROSEA.

Cape Cod Pink Water Lily.

Very hardy, blooms freely, deliciously fragrant, and of a deep pink or rose color; lovely and desirable. Price of roots, $1.50 each; seeds, per pkt., 50 cts.

NYMPHÆA CHROMATELLA.

NYMPHÆA CHROMATELLA.

Fine broad petaled double flowers 5 inches across, beautiful waxy lemon yellow with orange stamens; a strong grower and free bloomer; leaves dark green, marbled with brown. Price of roots, $2.50 each.

WATER POPPY.

NYMPHÆA PYGMÆA.

A little gem from China; the smallest flowering species in cultivation. Flowers pure white, fragrant, and no larger than a silver half-dollar. Leaves 2 to 3 inches in diameter. Price, $1.50 each.

THE WATER POPPY.

(*Limnocharis Humboldti.*)

A charming and easily cultivated floating water plant with bright lemon yellow poppy-shaped flowers, 2 inches across, and freely produced throughout the entire summer. It is easily grown in a tub, tank or pond. Price, 25 cts. each, $2.50 per doz. *Postage, 5 cts. each extra.*

THE WATER HYACINTH.

(*Eichhornia [Pontederia] Crassipes Major.*)

Very unique and of great beauty; requires but limited space; easily grown; floats on the water by means of curious inflated leaves, a mass of feathery blue roots growing downward into the water. The flowers, as large as a silver dollar, are borne on spikes 6 to 8 inches long resembling hyacinths, and are as handsome as an orchid, of a beautiful, sparkling, rosy lilac color. It can be grown in the summer in the water-lily tub or pond. In the winter it is beautiful and effective when grown in a glass vessel of some sort. It is a free bloomer. Price, 25 cts. each, $2.50 per doz. *Postage, 5 cts. each extra.*

The Blue Water Hyacinth.

(*Eichhornia Azurea.*)

A rare novelty, similar in all respects to the above, excepting the flowers, which are delicately fringed and of lovely lavender blue with a centre of rich indigo with a bright yellow spot. Price, 50 cts. each, $5.00 per doz. *Postage, 5 cts. each extra.*

WATER HYACINTH.

MME. PERNET DUCHER. (See next page.)

PLANT DEPARTMENT.

ON the succeeding pages we offer a complete stock of growing plants, embracing flowering and "foliage" plants, palms and decorative plants for the greenhouse, conservatory and dwelling-house, hardy plants and shrubs for the lawn and garden, vines for the house, garden and door-yard, small fruits and vegetable plants for the kitchen garden, and a general assortment of plants for all purposes, making the most complete collection offered by any business firm in the country.

THE EXTENT OF OUR GREENHOUSES.

Our greenhouses and grounds, located in Jersey City, N. J., are the largest and best-appointed in the United States. They are within thirty minutes from our Seed Stores in New York, and are well worth a visit. Any of our customers visiting New York who desire to inspect our greenhouses will be furnished with a card upon application containing directions how to reach them.

These greenhouses occupy four and one-half acres solid under glass, are heated by steam and hot water, and are fitted up with every modern appliance, so that they are easily graded to any temperature; thus the most perfect health and vigor are given to the plants. With such unequaled facilities for their production, we can compete with any in the matter of prices.

ROSES OUR LEADING SPECIALTY.

We have for years made **ROSES** our leading specialty, and sell annually over half a million plants. We pay particular attention to their culture, so that our **ROSES** are famed for their thrifty condition; besides, we offer nothing but varieties of established merit and new sorts which have been thoroughly tested by us, hence we offer unequaled advantages to buyers of **ROSES.**

Our Claim. We claim that we send out larger and finer Roses than any other firm in the business. Our smallest size is larger than the plants usually sent out by the mailing trade throughout the country, and our cold system of growing Roses makes them infinitely better.

The Size of our Roses. We grow our Roses in *different* sizes. This gives purchasers the opportunity of procuring a plant of large size which will make a show at once, or smaller plants at prices which place them within the reach of all. Our Roses are graded as follows: First size are usually 15 to 20 inches high, and branched; second size, 10 to 15 inches; and third size, 5 to 10 inches.

Packing Department. We ship at all seasons of the year, and fill every order the day after it is received—*unless otherwise instructed by the purchaser*—using light boxes and baskets, so as to reduce express charges to a minimum, and so perfect is our system that our plants almost invariably reach the purchaser as fresh as when they left our greenhouses.

Safe Arrival Assured of all plants *sent by express.* Should anything be injured in transit we would urge our customers to notify us at once on receipt of the goods, and in every case send us a list of what has been damaged, so that we can replace them without delay. But when they arrive in good condition our responsibility ceases, and if from inattention or other causes they fail and complaint is then made, we cannot replace them. *Plants* sent other than by express are entirely at the risk of the purchaser.

Plants by Mail. All orders for *plants* can be sent free, by mail, when instructions to that effect accompany the order, otherwise they will be sent by express (buyer to pay charges); but as we always add enough plants gratis to cover these charges customers will see the great advantage of having plants sent by express, for not only can we send larger plants, but they invariably arrive in better condition than if sent by mail.

Lower Express Rates. During the past summer we succeeded in obtaining from the express companies a lower rating on **plants.** Heretofore they have been carried at the regular merchandise rate, but now they will be taken at a **special rate,** which is **twenty per cent.** less than merchandise rate; with this reduction in view we urge express shipments more strongly than ever.

NEW TEA ROSE, "CHRISTINE DE NOUÉ."

NEW TEA ROSE, "Christine de Noué."

A new Tea Rose of pronounced merit, largest size, full and double and remarkably fragrant. In vigor of growth it cannot be surpassed among Roses of its class; the foliage is strong and proof against the diseases which prove so disastrous to other Roses. The color of the flowers, either in the bud or open, is brilliant in the extreme and difficult to describe. Our artist describes it as brilliant red at the base of the petals, toning upward to brilliant rose madder and lessening to light rosy pink toward the edges and in the waning flower. This variety is fitted for a number of uses, being equally valuable for summer or winter blooming. It is not hardy without protection in our Northern States. (*See cut.*) Price, 1st size, 75c. each; 2d size, 50c. each, $4.50 per doz.; 3d size, 25c. each, $2.25 per doz.

NEW TEA ROSE, "Duchess Marie Salviati."

Another very fine new Tea Rose of French origin like the above. It is also of strong and free habit, flowers large and double and deliciously fragrant. The coloring is exquisite, being an orange chrome, lightened with rose and shaded with yellow and tawny buff. It is beautiful, either in the bud or in the fully expanded flower and will be equally valuable for summer or winter blooming. It is not hardy without protection in our Northern States. (*See cut*—flowers shown half natural size.) Price, 1st size, 75c. each, $7.50 per doz.; 2d size, 40c. each, $4.00 per doz.; 3d size, 20c. each, $2.00 per doz.

NEW YELLOW HYBRID TEA ROSE, "Mad. Pernet Ducher."

(*SEE ILLUSTRATION ON PRECEDING PAGE.*)

A charming Rose, and a new shade in this section, being the first with a distinct yellow coloring. The outside petals are sulphur yellow and assume a deeper shade toward the centre. The open flower is semi-double, very graceful, and holds well together; it is an ivory white in color, with a polished glistening surface like a water lily. The habit of the plant is free and graceful; the fragrance of the flowers is delightful. This is in every way a charming Rose, and should be in every collection. Price, 1st size, $1.00 each; 2d size, 50c. each, $4.50 doz.; 3d size, 25c. each, $2.25 doz.

NEW CRIMSON BEDDING ROSE, "Marion Dingee."

This fine Rose originated with Mr. Cook, of Baltimore, who considers it his most valuable variety. It is a strong, vigorous grower, making a handsome, well-balanced plant, with large, thick, deep green leaves; the flowers are large, beautifully cup-shaped, moderately full and borne in wonderful profusion. They are borne nearly upright on long straight stems, and are of excellent substance, having thick leathery petals, which hold their form and color for a long time; the color is deep brilliant crimson, one of the darkest, if not the very darkest, and richest colored Tea Roses we have. Price, 1st size, 75c. each, $7.50 doz.; 2d size, 50c. each, $4.50 doz.; 3d size, 20c. each, $2.00 doz.

NEW CLIMBING ROSE, "Climbing Malmaison."

A "sport" from the well-known **Souvenir de la Malmaison**, similar in flower and foliage to its parent, but of exceedingly robust climbing habit. This variety will prove of inestimable value to all lovers of fine climbing Roses. It will prove perfectly hardy south of Washington, D. C. Strong young plants, $1.00 each, $9.00 per doz.

NEW TEA ROSE, "DUCHESS MARIE SALVIATI."

"EMPRESS AUGUSTA VICTORIA."

The Finest White Rose for Summer,

"EMPRESS AUGUSTA VICTORIA."

This grand Rose is of German origin and was issued as "*Kaiserin Augusta Victoria.*" We have taken the liberty to translate the German "*Kaiserin*" into *Empress* as being more appropriate for an English-speaking people. Of the Rose itself we can say, after two years' trial, that it can be fairly considered one of the greatest acquisitions of recent years. It is a true "Tea Rose," soft pearly white, remarkably fragrant, a strong, healthy grower, with bold, beautiful foliage. The habit is free; the beautiful, perfectly shaped flowers are borne in profusion on long graceful stems, so that it will be invaluable for cut flowers. So free is it that, in our grounds, every shoot was invariably crowned with a magnificent flower. Professional florists have been quick to perceive the great value of this peerless variety, and it is now more eagerly sought after than almost any Rose on the market. It is not hardy in our northern latitudes, but may be kept from year to year in the manner described in our essay on the "Garden Culture of the Rose," which is given free to all our customers upon application.

1st size, $1.00 each, $9.00 per doz.; 2d size, 50 cts. each, $4.50 per doz.; 3d size, 25 cts. each, $2.25 per doz.

"MRS. PAUL."

One of the most distinct Roses, perhaps, we have seen in years, and in our opinion pre-eminently adapted to outdoor bedding in our country. It possesses all the desired qualities for that purpose. It is ever-blooming, strong thrifty growth, large glossy green foliage, large fine flowers, which have the requisite substance to withstand our hot, dry summers. The color is exquisite, a blush white, usually overlaid with rosy peach shadings; this rich, unique coloring is one of its marked characteristics, and stamps it with a distinctive charm. The outer petals are grandly recurved, forming an excellent contrast to the Camellia-like inner petals. For smoothness, richness and finish, this Rose is without a rival. It originated in England, and received numerous medals and certificates at the various exhibitions there; besides, it has received the highest encomiums from the press there, and our experience confirms what has been said of it. (*See cut.*)

Price, 1st size, 75 cts. each, $7.50 per doz.
" 2d " 50 " " 4.50 "
" 3d " 25 " " 2.25 "

New Tea Rose, "GOLDEN GATE."

A promising Rose of American origin, and one that seems to be admirably adapted to the needs of our climate. We have given it an exhaustive trial and can conscientiously recommend it as a superior variety for all uses. The flowers are large, very full and finely formed, and of excellent substance; the buds are long and of the most desirable form; the color is rich creamy white, beautifully tinged with fine golden yellow; the petals are large and broad, and exquisitely bordered and tinted with clear rose, making altogether a Rose of rare beauty. It is a strong, healthy grower, and a most profuse and continuous bloomer; will produce more perfect buds and bloom than almost any variety we know; it is excellent for bedding, also for house culture and forcing.

1st size, 50 cts. each, $5.00 per doz.; 2d size, 40 cts. each, $3.50 per doz.; 3d size, 20c. each, $2.00 per doz.

NEW TEA ROSE, "BRIDESMAID."

Another Rose of American origin, a "sport" from C. Mermet, and possessing all the good qualities of the parent variety. It surpasses it in color, being a deep, brilliant pink and constant in color under all conditions. It is invaluable for winter forcing.

Price, 1st size, 50 cts. each, $5.00 per doz.; 2d size, 40 cts. each, $4.00 per doz.; 3d size, 20 cts. each, $2.00 per doz.

New Tea Rose, "BEAUTÉ INCONSTANTE."

A wonderful new Rose, deriving its name from its quality of producing flowers of different shades on the same plant. The colors vary from crimson to light pink, through shades of tawny red, orange chrome and deep rose, all these colors being frequently seen on one bush at the same time. The beauty of color effects is indescribable. Plant strong and vigorous, flowers full and double.

Price, 3d size only, 50 cts. each, $4.50 per doz.

NEW HYBRID TEA ROSE,

"Madame Caroline Testout."

A magnificent Rose of French origin, flowers full, very large, globular form; color clear satin rose, very vivid, petals bordered with tender rose, very fragrant. Vigorous grower, branches strong and straight, thorns numerous and projecting, beautiful foliage, large brownish green. This variety resembles La France, but its color is more deep, vivid and brilliant, flowers less full, but are better form. It is also more vigorous and blooms abundantly.

Price, 1st size, $1.00 each, $9.00 per doz.; 2d size, 50 cts. each, $4.50 per doz.; 3d size, 25 cts. each, $2.25 per doz.

NEW GARDEN ROSE, "MRS. PAUL."

HYBRID TEA ROSES.

The great value of this class is its hardiness and ever-blooming qualities, rich coloring and delicious fragrance.

Antoine Verdier. Brilliant dark pink; extra fine.
Camoens. Peach color; a beautiful variety.
Countess of Pembroke. Dark rosy pink; extra fine.
Crimson Bedder. A very free blooming, dark red variety, excellent for summer bedding.
Duchess of Albany. This grand variety is a "sport" from "La France," and inherits all the grand qualities which have made its parent the favorite it is. The color is a deep, rich rose. It may be kept in the open ground all winter if covered with straw or leaves, or it may be potted, and will bloom all winter in a sunny window or greenhouse.
La France. Peach pink. The finest of all the Hybrid Tea Roses. (For cut and full description, see page 109.)
METEOR. (*See cut and description adjoining.*)
Mme. A. Bernaix. Deep clear rose; creamy white centre.
Mme. Andre Duron. A brilliant, clear red, large double flower, recurving petals; a fine summer Rose.
Mme. Aug. Guinoisseau. Flesh white. Popularly called "White La France." (For cut and full description, see p. 115.)
Mme. C. Testout. Pink. (For full description, see page 105.)
Mme. Pernet Ducher. New yellow Hybrid Tea. (See page 104 for description and prices.)
Mme. Schwaller. Bright rosy flesh, paler at the base of the petals and deeper at the edges.
Pierre Guillot. Double, dark crimson; a fine bedding Rose.
Queen of Bedders. Fiery crimson scarlet.
Souvenir de Wootton. (For full description and cut, see page 108.)
Wm. F. Bennett. Brilliant crimson, splendid buds.

Prices (except where otherwise noted): 1st size, 50c. each; set of 17 for $7.50. 2d size, 30c. each; set of 17 for $4.50. 3d size, 15c. each; set of 17 for $2.25.

"Meteor" is a remarkably rich dark velvety crimson rose; so dark, indeed, that under certain conditions it is blackish crimson. It is a constant and profuse bloomer, very vigorous and healthy in growth. No dark red Rose is more useful for summer cut flowers, as it is so double that it produces perfect flowers in the hottest weather. For winter flowers it is rapidly becoming the most valuable variety on the market. Price, 1st size, 50c.; 2d size, 30c.; 3d size, 15c. each. $4.50, $3.00 and $1.50 per doz.

THE PREMIER BEDDING ROSE,

"Clothilde Soupert."

This grand Rose is what is known as a "Polyantha Hybrid," obtained by crossing a monthly ever-blooming variety with the Polyantha Rose, "Mignonette," offered in our list of "**Dwarf Bedding Roses**" on page 111. The result of this cross has been to produce the splendid bedding Rose, **Clothilde Soupert**, shown in the adjoining engraving. The color is a French white, deepening to rosy blush in the centre, exceeding in distinctness of shadings the well-known Malmaison. Its greatest value lies in its compact, vigorous habit, and wonderful profusion of bloom, even the smallest plants being literally covered with flowers. The form and substance of the flowers are so perfect that the hottest weather does not cause a deterioration of either, so that even in midsummer a bouquet of splendid buds and open flowers can be obtained from this fine variety. Too much cannot be said in praise of this Rose for bedding purposes. It deservedly earned its title of the "**Premier Bedding Rose.**" Valuable as it is for garden purposes, it is even more so for pot culture, and ranks as first for blooming in the dwelling-house.

Price, 1st size, 50c. each; $4.50 per doz. 2d size, 40c. each; $3.50 per doz. 3d size, 15c. each; $1.50 per doz.; $8.00 per 100.

THE PREMIER BEDDING ROSE, "CLOTHILDE SOUPERT."

Hardy Ever-Blooming Climbing Rose.

Climbing "La France."

It is doubtful if, since the introduction of "Gen. Jacqueminot" and "La France," there has been offered such a sterling novelty in Roses as the **Climbing** *La France*. Hitherto the hardy climbing Roses have been almost totally devoid of perfume, and none of them have that form and substance deemed requisite in a high-class Rose. With the advent of **Climbing** *La France*, these objections vanish, for it excels even its parent (La France) in size and quality of flower, it retains the charming peach-pink color and the exquisite fragrance which have made "La France" the favorite it is. As an evidence of its robust habit we cite the fact that small plants set out June 15th, 1892, had attained a growth of fifteen feet by October 15th, a growth unsurpassed by any climbing Rose in our grounds. The **Climbing** *La France* is equally as hardy as its parent, and so may be safely planted in the open ground even in our northern latitudes.

Price, 1st size (large plants), $1.00 each; 2d size, 60c. each, $6.00 per doz.; 3d size, 30c. each, $3.00 per doz.

HARDY CLIMBING ROSES.

Anna Maria. Large; rosy pink; a splendid variety.

Baltimore Belle. A beautiful Rose, producing large clusters of double flowers; blush white, changing to light rose and carmine. As these colors are to be seen on the plants at one time the effect is grand.

Jules Jurgensen. Magenta red, centre shaded red; a vigorous grower and profuse bloomer.

Gem of the Prairies. Large double flowers of a deep rosy carmine and very fragrant; equal to many of the Hybrid Perpetuals in size, form and fragrance.

Prairie Queen. Bright, rosy red; a very rapid grower.

Triumphant. Deep carmine, large and full; strong, vigorous grower.

Woodland Margaret. A splendid white climbing Rose.

Price, extra strong plants, 75c. each. Set of 7 varieties named above for $4.50. 2d size, 60c. each; set of 7 for $3.50.

NOISETTE, OR TENDER CLIMBING ROSES.

Grand Roses for the South, where they are entirely hardy. They may be kept outdoors in the North by laying them down and covering with leaves or litter.

Caroline Goodrich. Vivid crimson.

Caroline Marniesse. Color white, and finely scented.

Claire Carnot. Orange yellow, with peach-blossom centre.

Cloth of Gold (Chromatella). Deep yellow centre, with sulphur edges; large, full flowers.

Jas. Sprunt, or "Climbing Agrippina"; deep cherry red.

Lamarque. Pure white, with lemon-colored centre.

Mme. Balbiano. Soft rosy blush; very sweet.

Mme. Berrard. Deep carmine; full and double.

Mme. Trifle. Very large and double; buff color.

Reine Marie Henriette. Long-pointed, dark crimson buds.

Setina. Pink, very hardy, known also as "Climbing Hermosa."

W. A. Richardson. Dark copper color.

Washington (White). Pure white flowers in clusters.

1st size, 75 cts. each; $7.50 per dozen. 2d size, 50 cts. each; $4.50 per dozen. 3d size, 15 cts. each; $1.50 per dozen. Set of 13 for $7.50, $4.50, or $1.50, according to size.

MARÉCHAL NIEL. The immense size, dark golden yellow color of "Maréchal Niel" is familiar to all. Peerless in color, unexampled for size, perfect in form, after more than a quarter of a century it still remains the ideal climbing Tea Rose. The plants we offer at $1.50 and upward are extra strong, having vines from 4 to 8 feet long, and will make fine blooming plants for the greenhouse or garden the same season they are planted. 15c., 50c., $1.50, $2.00, or $3.00 each, according to size.

GLOIRE DE DIJON. Next to **M. Niel** this is the finest pillar Rose for the greenhouse. Very large, double; rich, creamy amber color. Perfectly hardy south of Washington, and in sheltered situations it has been known to withstand the winters around New York City. Prices and sizes same as M. Niel—see above.

THE "LAKEWOOD"

Collection of Twelve Roses,

ALL MONTHLY AND EVER-BLOOMING.

(Six of which are shown above.)

THE "Lakewood" collection of twelve ever-blooming Roses contains, in our opinion, the best dozen of *ever-blooming* and *bedding* varieties it is possible to obtain in that number, all being invaluable for summer and winter blooming. This is, we believe, the finest collection ever grouped in one offer and at such a low price. Space will not permit us to illustrate all of them, although each is worthy of it.

No. 1. SOUVENIR DE WOOTTON.

This superb Rose is unquestionably one of the finest varieties ever introduced for either summer or winter blooming. The color is a beautiful shade of crimson, deliciously fragrant, a constant and most prolific bloomer, every new shoot forming a flower-bud. We have tried this for hardiness in the open ground and find it will live out all winter in the latitude of New York City. (*See cut.*)

No. 2. MADAME HOSTE.

This is a creamy white shade with a clear amber centre, a handsome Rose, and is never out of bloom. Whether wanted for summer or winter flowers this excellent variety cannot be surpassed. (*See cut.*)

No. 3. MALMAISON.

This grand old variety, when used as a bedding Rose in summer, has no equal, as it produces the most perfect flowers in the hottest weather. Its rich, flesh-colored flowers are of immense size, are produced in abundance, and have the requisite form and substance to withstand our hot, dry summers. Exquisitely fragrant. (*See cut.*)

No. 4. PERLE DES JARDINS.

No Rose of its color is more valuable than this. Tens of thousands of it are grown in the vicinity of New York for winter flowering; it is equally valuable for summer, as it flowers continuously. Its color is a rich shade of yellow, large size and perfect form, Tea fragrance, a healthy, free grower, and unequaled in profusion of bloom. (*See cut.*)

No. 5. MRS. DEGRAW.

An entirely hardy *ever-blooming* Monthly Rose, full double flowers, deep pink in color, deliciously fragrant. A superb grower and wonderfully free bloomer. (*See cut.*)

No. 6. MARIE LAMBERT.

A pure white Rose, ever-blooming, of large size and delicious fragrance. As a bedding Rose it is unequaled in its color and is sometimes called the "White Hermosa." (*See cut.*)

PAPA GONTIER.

This is one of the most fashionable of our winter-flowering Roses, but is equally useful for summer bedding. Color, a glowing carmine crimson.

NIPHETOS.

The White Rose par excellence—large pointed buds—very free-flowering. Particularly valuable for winter forcing and summer blooming.

MME. DE WATTEVILLE.

A grand Rose for either summer or winter blooming. Color, beautiful shell pink, deepening to bright rose at the edge of the petals, the body of the flower being creamy white. This combination of colors suggests the name of "The Tulip Rose."

THE BRIDE.

"The Bride" is a pure white Rose of large size and most perfect form. This variety has the most delicious Tea fragrance, and is a strong-growing, free-blooming Rose either for summer or winter flowering.

SUNSET.

This exquisite orange-yellow variety is one of the finest Tea Roses grown. The flowers are large and double. The exquisite shades of coloring found in this variety can only be compared to the gorgeous colors of a summer sunset; hence the name. It is deliciously fragrant, a strong-growing and free-flowering variety.

CATHERINE MERMET.

This charming Rose deserves and receives recognition from all Rose lovers. It is eagerly sought after in winter by the ultra-fashionable, and is perhaps the most admired of all the Tea Roses. The color is a delicate rosy pink unapproached by any other. The buds are large, long and pointed, of great substance and most delicious fragrance.

Special Offer. The "*Lakewood*" *Collection* of twelve Roses. 1st size, $4.50; 2d size, $3.00; 3d size, $1.00. Single plants of any of the above, 1st size, 50 cts.; 2d size, 30 cts.; 3d size, 10 cts. each.

THE "BAR HARBOR" COLLECTION OF TWELVE HARDY ROSES.

(ALL PERFECTLY HARDY IN THE NORTHERN STATES.)

The "Bar Harbor" collection of twelve hardy Roses, named below, are unequaled in their class, combining the greatest variety of form, richness of color and freedom of bloom which it is possible to get in that number. The first and second sizes will bloom this year, and the third will make fine plants for next season's flowering. Where twelve sorts are wanted, we believe it would be impossible to improve on this selection, and even if more are wanted a larger number of collections could be obtained with the best results. Want of space alone prevents us from illustrating each one, and where all are so good, it was difficult to select for illustrating.

No. 1. ANNA ALEXIEFF.

A grandly beautiful hardy Rose, large, full double flowers; a beautiful rose color, and produced in wonderful profusion. The foliage is handsome, massive and luxuriant; taken in its entirety, this may be considered one of our very best hardy Roses. (*See cut.*)

No. 2. GLOIRE DE MARGOTTIN.

This fine hardy Rose is distinguished alike for its vigorous, healthy constitution, freedom of bloom and handsome foliage; but, beyond all, it is decidedly the most brilliant *hardy* red Rose as yet introduced. So intense is the color that it might almost be termed a scarlet. Added to these qualities, it has flowers of the largest size and most exquisite fragrance. It will prove hardy everywhere. (*See cut.*)

No 3. LA FRANCE.

Flowers large and beautiful, either in the bud form or when expanded; peach-blossom color, shaded pink and silvery rose. It is very free-blooming, every shoot forming a beautiful flower. In addition to this, it is entirely hardy with a slight protection of leaves, and most deliciously fragrant. (*See cut.*)

No. 4. SUMMER QUEEN.

This splendid pink hardy Rose is of remarkably healthy, vigorous growth and wonderful blooming qualities, surpassing all other true Hybrid Perpetuals in this respect, and fully the equal of the best among them in point of size, fragrance and form. Some idea of its enormously productive qualities can be obtained from the fact that as many as *twelve hundred flowers have been cut from a single plant*, a record seldom equaled and never surpassed by any other variety. The origin of this grand variety is not clear, hence we have given it the name of "Summer Queen" conditionally. In color it is a bright silvery pink, full and double. (*See cut.*)

No. 5. PERFECTION DES BLANCHES.

The best and freest-blooming of the hardy white Roses. It is a finely formed, pure white variety, but occasionally shows light blush when first opening. Beautiful shell-shaped petals, evenly arranged. Flowers good size, perfect, and of fine form and finish. One of the finest, freest, and most beautiful of the white Hybrids. Almost as free a bloomer as the Teas. Very suitable for cemetery planting and for hedges, as it makes a beautiful bush. (*See cut.*)

No. 6. DINSMORE.

This fine variety possesses all the desirable qualities of a bedding Rose—good color, fine form, a profuse bloomer, and stands the rigor of our Northern winters without protection. The flowers are large, perfectly double, and of a dazzling scarlet crimson color, and have that rich, spicy fragrance peculiar to the best hybrid Roses. (*See cut and description, page* 113.)

AMERICAN BEAUTY.

Rich carmine crimson. (*See cut and description, page* 112.)

ANNA DE DIESBACH.

Dark rich pink; immense size; one of the finest hardy Roses.

PAUL NEYRON.

Probably the largest of all Roses; color, clear dark pink, shaded carmine. Form of flowers, bold and handsome; very fragrant.

CAPT. CHRISTY.

Delicate flesh color, large, full and double, very profuse; blooms from the time it is planted until frost. (*See cut, page* 113.)

GEN. JACQUEMINOT.

Color, rich dark crimson. (*See cut and description, page* 114.)

MAGNA CHARTA.

Bright dark pink, very large and fragrant.

SPECIAL OFFER.—The **"Bar Harbor" Collection** of twelve hardy Roses, 1st size, $6.00; 2d size, $4.50; 3d size, $1.50.

Single plants of any of the above, 60c., 50c. and 15c. each.

NEW HARDY VARIEGATED ROSE, ROGER LAMBELIN.

One of the most remarkable Roses yet offered. The petals are irregular on the edges like a double Petunia; the color is glowing crimson throughout, except the edges of the petals, which are all distinctly marked with a white band, forming a sharp contrast and the most unique combination of colors known in Roses. The foliage is large and handsome, even for a Hybrid Perpetual Rose, a class noted for its fine foliage, and the one to which the **Roger Lambelin** belongs. The growth is free and vigorous and the fragrance is delightful, equal to the finest of the hardy Roses. This is a "novelty" of the most striking order. (*See cut.*) Price, 1st size, $2.00 each; 2d size, $1.25 each; 3d size, 50c. each, $4.50 per doz.

CLIMBING PERLE DES JARDINS.

This is a "sport" from "Perle des Jardins," having all the good qualities which made its parent famous. The "*Climbing* Perle" is a most rampant running Rose. For the South it will be particularly valuable, as it is entirely hardy there, while for a pillar Rose in the conservatory it will be invaluable. Even the smallest size will make fine plants this season.

Price, 1st size, 75c. each; 2d size, 50c. each, $4.50 per doz.; 3d size, 25c. each, $2.25 per doz.

CLIMBING NIPHETOS.

A sport from the dwarf "Niphetos." It is a true climbing variety, having the same pure white, long-pointed buds as its parent, and is destined to become popular as an outdoor climbing Rose—in the South especially, where it is perfectly hardy.

Price, large plants, $1.00 each; young plants, 50c. each, $4.50 per doz.

For other climbing Roses, *see pages* 103 *and* 107.

THE "JEWEL" COLLECTION OF ROSES.

A Collection of Roses containing some of the finest and newest sorts, offered at a very low price.

Caprice. A hardy Rose, bright carmine, striped white and light rose; unlike most others of this class, "Caprice" is nearly always beautifully striped.

Dr. Grill. Coppery yellow, with a fawn rose reflex, back of the petals shaded delicate rose; an entirely new color. Large, well-formed flowers.

T. W. Girdlestone. A grand hardy Rose ofrecent introduction; brilliant vermilion red.

Ernest Metz. A remarkably beautiful variety. The color is tender rose, changing toward the centre to vivid cherry, with a distinct border around each petal.

Eugene Furst. A hardy rose of fine form and substance, very large flowers and massive petals; very double; color, dark velvety crimson.

Grace Darling. One of the most elegant Roses it has ever been our pleasure to behold. Strong, vigorous grower; color, a porcelain rose, elegantly shaded with crimson. The colors stand out separate and distinct, making a vivid contrast. (*See cut.*)

Lady Castlereagh. An exquisite Tea Rose, with very large flowers, full and beautifully formed; pale rose, shaded with fine sulphur yellow.

Mrs. James Wilson. A grand Rose, especially fine for bedding; deep cream color, the edge of the petals touched with soft blush.

Madame Joseph Schwartz. A beautiful Rose; extra large, globular flowers, delicately perfumed and very full; pure white, elegantly tinted and shaded with pale yellow and rose.

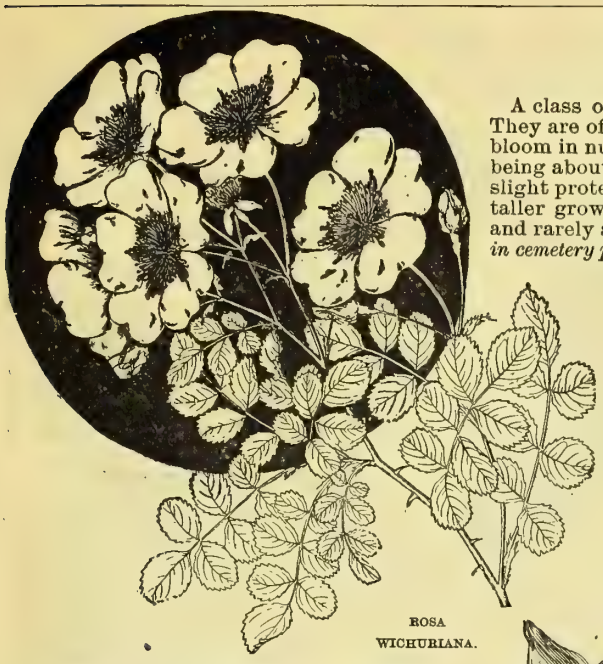
Mad. Pierre Guillot. A charming Tea Rose, unique in its brilliant combination of colors. It is free blooming and of vigorous habit, equally valuable for summer or winter.

Princesse de Sagan. This is a very strong, vigorous grower, producing buds of the brightest scarlet crimson; the flowers are medium-sized, semi-double and fragrant.

The Queen. A fine Garden Rose, pure white, exquisitely formed buds and flowers, habit free and vigorous, not hardy without protection.

Price, 1st size, 50c. each; set of 12, $5.00. 2d size, 35c. each; set of 12, $3.50. 3d size, 15c. each; set of 12, $1.50.

GRACE DARLING.



ROSA WICHURIANA.

NEW CREEPING ROSE,

ROSA WICHURIANA.

(Unexcelled for Cemeteries.)

The above engraving shows a single spray of this beautiful single Rose, but does not convey any idea of its great value as a decorative plant or its beauty when covered with bloom. The flowers are produced in wonderful profusion, are from seven to nine inches in circumference, pure white, with golden yellow stamens. For creeping over low walls or rockeries it cannot be excelled, and it is difficult to conceive anything more appropriate, beautiful and enduring for covering graves in cemeteries. It is perfectly hardy and requires no care after being planted.

Price, large plants, 60c. each, $6.00 per doz. Small plants, 20c. each, $2.00 per doz.; $12.00 per 100.

A BEAUTIFUL ROSE BED.

In the adjoining engraving we show an oval bed filled with the two most appropriate varieties known for that purpose; viz., **Agrippina**, planted in the centre, and **Hermosa**, on the margin. Below will be found full descriptions and prices. Even the smallest will bloom abundantly this year.

HERMOSA.

This grand pink bedding Rose is most prolific in blooming, and is almost entirely hardy, many plants of it having lived out for years in the New York cemeteries. 1st size, 50c.; 2d size, 30c.; 3d size, 10c. $4.50, $3.00 and $1.00 per doz. $8.00 per 100.

AGRIPPINA.

Second only to the above in hardiness and profusion of bloom. Color, rich shade of crimson. 1st size, 50c.; 2d size, 30c.; 3d size, 10c.; $4.50, $3.00 and $1.00 per doz.; $8.00 per 100.

DWARF BEDDING ROSES.

POLYANTHA OR MULTIFLORA CLASS.

A class of Roses of much value for bedding purposes, as they form a mass of bloom. They are of dwarf habit, and are continuously in flower during the entire season. They bloom in numerous clusters of from 25 to 100 flowers in each cluster, the single flowers being about 1½ inches across. These **Polyantha Roses** are hardy in this latitude with slight protection. They are particularly valuable for planting on the borders of beds of taller growing sorts, or on the edge of "foliage" beds, as they are constantly in bloom, and rarely attain more than 10 or 12 inches in height. They are also largely used for *borders in cemetery plots*, their neat and tasteful appearance commanding attention at first sight.

Anna Marie Montravel. Beautiful white; fine form.
GEORGE PERNET. This variety is somewhat in advance of the others in this class. Color, bright pink with coppery yellow at the base of the petals. (*See cut.*)
Golden Fairy. Golden color; dwarf habit.
Little Dot. Delicate flesh pink, changing to white.
Mignonette. Dark pink; grand Rose for cemeteries.
Miniature. Light pink, changing to white.
Mme. Cecil Bruner. Delicate rose color; a pretty shade.
Paquerette. Pure white; hardy; same as above, except color.
Perle d'Or. Saffron yellow, tinged copper color; profuse.

Set of 9 Dwarf Bedding Roses, 1st size, $3.50; set of 9 Dwarf Bedding Roses, 2d size, 75c. Single plants, 50c. and 10c. each.

MME. ADELINA VIVIAND MOREL.

A new French variety of vigorous climbing habit. The coloring of the flowers is wonderfully charming, a blending of rich apricot, light pink, bright canary, and pale yellow. These shades are markedly distinct in some flowers, while in others they run into each other so that the color effects are almost as varied as the roses on the plant. It is not hardy in the Northern States, but is invaluable for indoors. Price, 1st size (large plants), [$1.00 each; 3d size, 50c. each, $4.50 per doz.

Note.—We cannot supply an intermediate size.

WABAN.

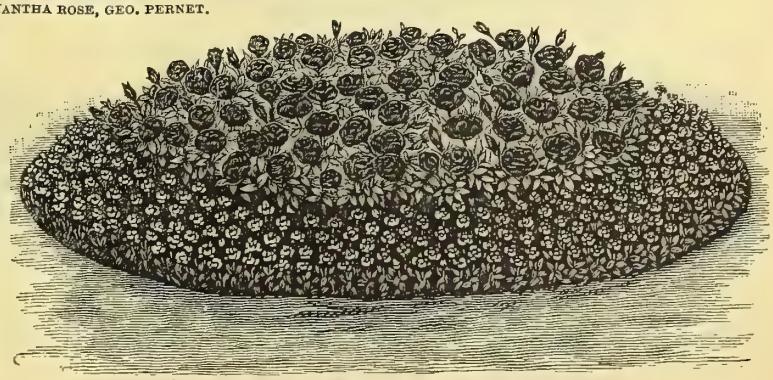
This Rose is a "sport" from Catherine Mermet, and indentical with that variety in every characteristic excepting color, which is a rich, deep, bright pink. It is of great value either for flowers in the garden or for forcing in the greenhouse during winter. 1st size, 50c. each, $4.50 per doz.; 2d size, 30c. each, $3.00 per doz.; 3d size, 10c. each, $1.00 per doz.

MADAME MASSON.

A magnificent hardy Rose, free blooming, large and handsome, color clear, bright rosy red, deliciously fragrant.

1st size, 50c. each, $4.50 per doz.; 2d size, 30c. each, $3.00 per doz.; 3d size, 15c. each, $1.50 per doz.

POLYANTHA ROSE, GEO. PERNET.



BED OF AGRIPPINA AND HERMOSA ROSES.

EARL OF DUFFERIN.

A fine dark crimson Rose, recently introduced, that is considered by many superior to any previously known variety. The form is splendid, and it has the advantage of blooming freely in the fall.

PRICE:
1st size, 60c. each, $6.00 per doz.;
2d size, 50c. each, $4.50 per doz.;
3d size, 15c. each, $1.50 per doz.

DUCHESS OF ALBANY.

PRINCE CAMILLE DE ROHAN.

One of the grandest hardy red Roses and unapproached in color. It is best described as a blackish crimson, though that is far from giving an adequate idea of the rich velvety color. It is sometimes called "The Black Jack," because it resembles Gen. Jacqueminot in everything but its grand deep coloring. Price, 1st size, 75c. each; 2d size, 50c. each, $4.50 per doz.; 3d size, 15c. each, $1.50 per doz.

ULRICH BRUNNER.

A beautiful hardy Rose in flower and foliage. The former is large and cupped, bright cherry red, and very fragrant. The flowers are borne on long flower stalks, almost devoid of thorns. Price, 1st size, 60c. each, $6.00 per doz.; 2d size, 50c. each, $4.50 per doz.; 3d size, 15c. each, $1.50 per doz.

DR. REYMONT.

This fine **hardy, ever-blooming** sort was obtained by crossing the well-known **Gen. Jacqueminot** and the **Rosa Polyantha** or **Multiflora**. With such good parentage it is needless to say that the progeny is excellent. It inherits the hardiness and splendid crimson-colored flowers of the **Gen. Jacqueminot**—which are but little reduced in size—with the profuse blooming qualities of the **Polyantha** class, thus combining the two qualities most desired in a garden Rose. 1st size, 50c. each, $4.50 per doz.; 2d size, 40c. each, $3.50 per doz.; 3d size, 20c. each, $2.00 per doz.

ROSA RUGOSA (JAPAN ROSE).

It forms a sturdy bush 4 to 5 feet high, covered with large, dark green, glossy foliage, crowned with terminal clusters of ten to twenty flowers, three inches *in diameter*. Its *large handsome scarlet fruit* is most showy during the autumn months. Excellent for cemeteries.

Rosa Rugosa Alba. The white flowered variety. 60c. each, $6.00 per doz., *fine plants.*
Rosa Rugosa Rubra. The red variety. Price, 60c. each, $6.00 per doz., *fine plants.*
Rosa Rugosa, "Souvenir de Yeddo," foliage equal to the above, flowers semi-double, larger and finer. 60c. each. Young plants, 20c. each, $2.00 per doz.
Set of three **Rugosa Roses,** large plants, for $1.00.

DUCHESS OF ALBANY.

This grand variety is a "sport" from "La France," and inherits all the grand qualities which have made its parent the favorite it is. The color is a deep, rich rose. It may be kept in the open ground all winter if covered with straw or leaves, or it may be potted, and will bloom all winter in a sunny window or greenhouse. (*See cut.*) Price, 1st size, 50c. each, $4.50 per doz.; 2d size, 30c. each, $3.00 per doz.; 3d size, 15c. each, $1.50 per doz.

MRS. JOHN LAING.

This is, we believe, the finest hardy Rose of its color ever offered. It is an exquisite shade of shell-like pink, deliciously fragrant, of the largest size, and, like the "Dinsmore," is entirely hardy and ever-blooming. No collection of Roses is complete if it does not contain **Mrs. John Laing.** Price, 1st size, 75c. each, $7.50 per doz.; 2d size, 50c. each, $5.00 per doz.; 3d size, 30c. each, $3.00 per doz.

MME. GEORGES BRUANT.

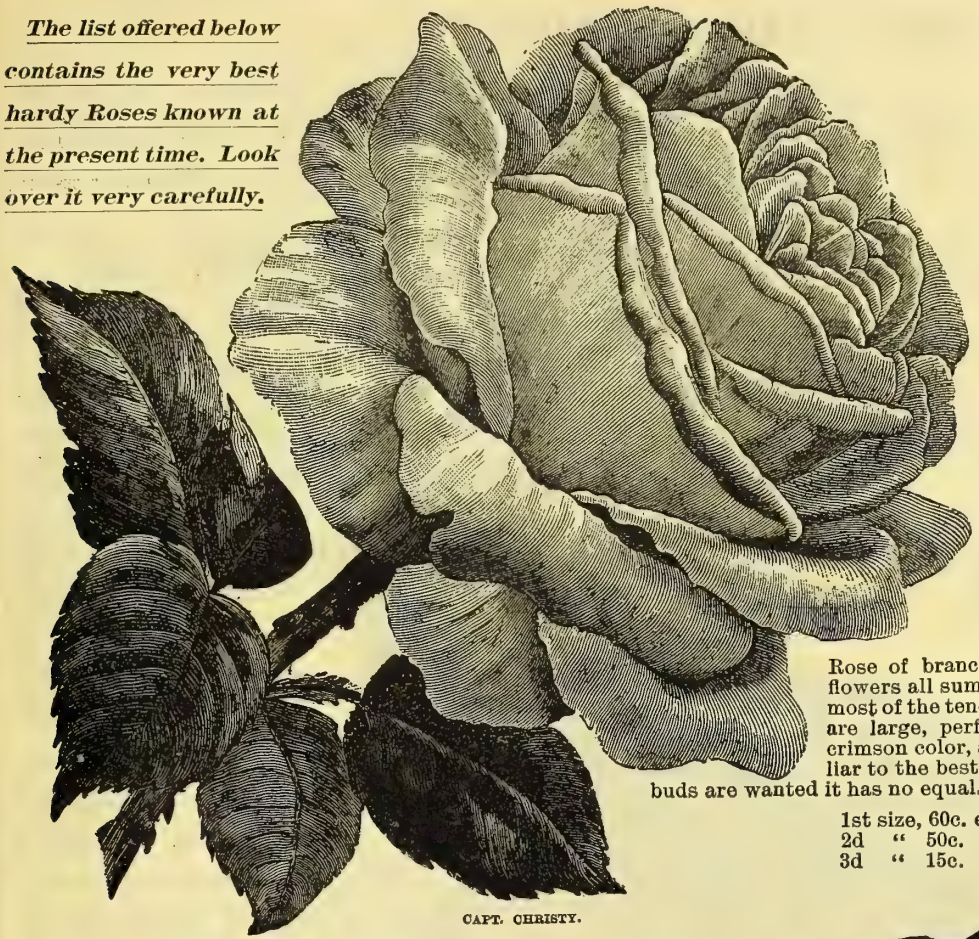
This new ever-blooming Rose inherits the beautiful foliage and hardiness of the "**Rugosa,**" with the flowering qualities of the Tea class. Color pure white, very fragrant, buds long and pointed. It is hardy everywhere, and is now very popular. Price, 1st size, 75c. each, $7.50 per doz.

AMERICAN BEAUTY.

In "American Beauty" we have a hardy Rose of the largest size, having the ever-blooming qualities of the Tea Rose with the delicious odor of the Damask or Moss Rose, consequently equally valuable for winter or summer flowering. The flowers of this grand Rose are so eagerly sought that they have sold in the New York market for $100 per 100 around the holidays for years, still holding this extraordinary price. When sold at retail, single buds bring $1.50 to $2.00 each at Christmas. In color it is a deep brilliant pink, shaded towards the centre with rich carmine crimson. 1st size, $1.00 each, $9.00 per doz.; 2d size, 60c. each, $6.00 per doz.; 3d size, 30c. each, $3.00 per doz.

AMERICAN BEAUTY.

The list offered below contains the very best hardy Roses known at the present time. Look over it very carefully.



CAPT. CHRISTY.

Suzanne M. Rodocannachi. Deep pink, wonderfully free blooming.
Ulrich Bruner. Cherry red; a grand Rose, very free blooming.

Prices, except where noted:

Extra Selected Plants, 75c. each; $7.50 per doz. Collection of 24 grand Roses for $15.00.

Second Grade of the above, fine plants, 60c. each; $6.00 per dozen. Set of 24 sorts for $12.00. All plants for this season's blooming.

Hardy Ever-Blooming Rose, Dinsmore.

This peerless variety merits all the praises which have been bestowed on it. For years we had been looking for a variety which had all the desirable qualities of a bedding Rose—that is, one which was of good color, fine form, a profuse bloomer, and which would stand the rigor of our Northern winters without protection; and we can conscientiously say that, until the "Dinsmore" was produced, there was none to our knowledge which combined all these qualities. It is a vigorous, healthy Rose of branching habit, and is simply loaded with flowers all summer long, being even more profuse than most of the tender "everblooming" Roses. The flowers are large, perfectly double, and of a dazzling scarlet crimson color, and have that rich, spicy fragrance peculiar to the best hybrid Roses. Wherever summer Rose-buds are wanted it has no equal. (*See cut.*)

1st size, 60c. each; $6.00 per dozen.
2d " 50c. " 4.50 "
3d " 15c. " 1.50 "

EXTRA LARGE IMPORTED HARDY ROSES.

We offer, this season, a grand collection of the finest hardy varieties imported from the most celebrated growers of England and the Continent. They are *extra large strong plants*, growing in 5 and 6 inch pots, and cannot fail to please the most fastidious. These are all budded low on Manetti stock and should be planted deep enough to cover the graft. They are all extra-strong well-ripened plants and will, under ordinary cultivation, produce magnificent flowers. The list contains the best varieties known at the present time.

Alfred Colomb. Carmine crimson, a grand Rose, should be in every collection.
Anna Alexieff. Very pretty shade of rose, large, full and of good habit, fine for massing. A grand Rose for every purpose.
Anna de Diesbach (Gloire de Paris). Rich carmine.
Baron de Bonstetten. Blackish crimson with vivid red shadings.
Baroness Rothschild. An exquisite shade of satiny pink.
Boule de Neige. Pure white, strong grower and free bloomer.
CAPT. CHRISTY. Delicate flesh color, deepening in shade toward the centre; one of the most beautiful of Roses. The foliage is quite distinct. It is very free in flowering and, taken all in all, may be considered one of our best Roses. (*See cut.*)
Caroline D'Arden. Pure rose, a beautiful color.
Chas. Lefebvre. Deep reddish crimson, large full flowers.
Countess of Oxford. Very profuse; soft, rosy carmine.
Eugene Verdier. Violet crimson, a superb rose.
John Hopper. Bright rose with carmine centre, large and full.
La France. Peach-blossom pink.
Mabel Morrison. Pure white; large flowers.
Marie Baumann. Crimson vermilion, suffused carmine.
Merveille de Lyon. Extra large, blush white.
MRS. JOHN LAING. Rich satiny pink, delicious fragrance.
Paul Neyron. Flowers five inches across; color, lovely dark pink.
Persian Yellow. Hardy yellow Rose; best of its color. $1.00 and 75 cts.
Prince Camille de Rohan. Dark crimson maroon, almost black.
Queen of Queens. Pink, with blush edges; large and full.
Rosieriste Jacobs. Bright red, a fine free-flowering sort.

DINSMORE.

GEN. JACQUEMINOT.

NOW known everywhere. The best, perhaps, of all Roses of the Hybrid Perpetual class. Hundreds of thousands of feet of glass are exclusively devoted to this one variety. The buds, in midwinter, wholesale at from 25 cents to 50 cents apiece. Color, rich crimson; of fine shape and exquisite fragrance. This grand old variety holds its own against all new-comers, and is undoubtedly the finest hardy Rose of its color. (*See cut.*)

Extra size, 75 cts. each, $7.50 per doz.; 1st size, 60 cts. each, $6.00 per doz.; 2d size, 50 cts. each, $4.50 per doz.; 3d size, 15 cts. each, $1.50 per doz.

HARDY ROSES.

General Collection.

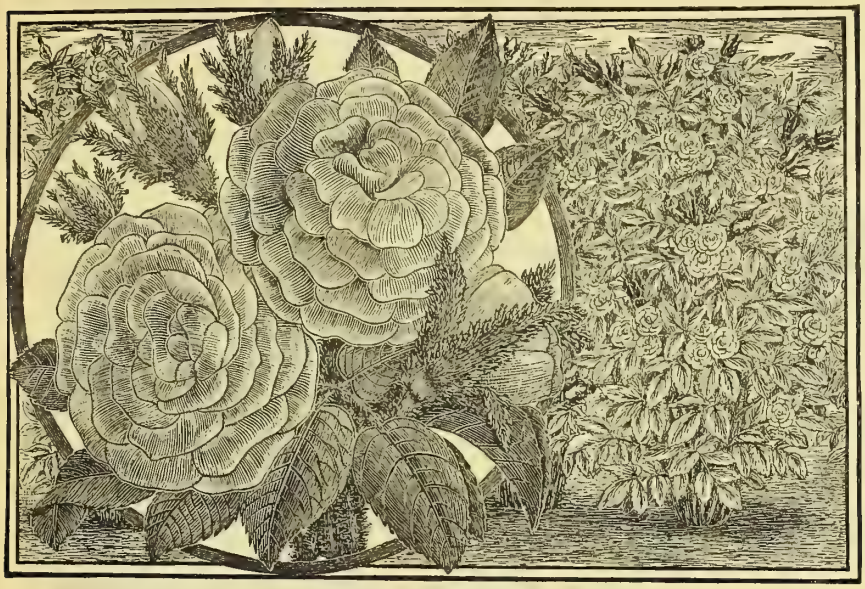
A. K. Williams. Carmine red, changing to magenta.
Alfred Colomb. Very large and globular; clear bright cherry.
Achille Gounod. Bright carmine; full and double.
Auguste Mie. Clear, bright pink; large and finely cupped.
Alzora. Deep red, shaded carmine rose.
Baronne Provost. Beautiful, bright rose, shaded crimson.
Cardinal Patrizzi. Brilliant scarlet; good habit.
Constantin Tretiakoff. Rosy crimson; large and sweet.
Cymabie. Very dark purplish crimson; possibly the darkest rose in our list.
Dr. Lindley. Magnificent, dark crimson maroon; extra fine.
Dr. Baillon. Dark purple, shaded crimson; sweet fragrance.
Duchesse de Vallombrosa. Flesh color, shaded rose.
Duke of Edinburgh. Dark velvety crimson maroon; fair size; full, regular form; handsome and scented.
Duke of Teck. Vivid scarlet crimson.
Duplessis Morney. Bright crimson.
Eugene Sue. Bright vermilion.
Eliza Boelle. Blush white, very free blooming, dwarf.
Earl of Pembroke. Velvety crimson petals, edged bright red.
Fisher Holmes. Finely shaped buds of intense dark crimson color.
Gen. Forney. Color, clear cherry red.
Gen. Washington. Dark, vivid crimson.
Gen. Lane. Dark rose color; fine form and substance.
Geant des Battailles. Deep, fiery crimson; very brilliant when first open, but fading rapidly with age.

GEN. JACQUEMINOT.

Marquise de Ligneries. Bright rose; richly perfumed.
Mme. Isaac Perrier. Full and double; brilliant crimson.
Mme. C. d'Islay. Bright rose blush; fragrant.
Mme. Laffay. Beautiful transparent rose; large.
Maurice Bernardin. Bright crimson, large full flowers; a seedling of Gen. Jacqueminot and one of the best.
Mme. Norman Neruda. Light cherry carmine of medium size; very fragrant.
Mme. Plantier. A perfectly hardy, pure white double Rose.
Mount Carmel. Bright carmine; full and fragrant.
Mrs. Reynolds. Color, bright carmine.
Mme. Masson. Bright silvery pink.
Mme. Marie Bianchi. White, crimson in centre.
Mme. P. Laugier. Silvery pink; rich fragrance.
Marie Baumann. Crimson, vermilion, suffused carmine.
Marshal P. Wilder. Cherry rose mingled with carmine.
Mons. E. Y. Teas. Carmine crimson; large, fine and globular.
Marchioness of Lorne. Bright rose with carmine centre; large, sweet, full and cupped; a grand Rose.
Mrs. Laxton. Deep velvety red; finely formed flower, full and free.
Mad. Schwaller. Beautiful clear pink; very free flowering.
Pæonia. Sweetly fragrant; color, clear bright red.
Pres. Thiers. Flaming red; large sized flowers, full and globular.
Princesse de Mathilde. Deep blush; good form and substance; double and perfumed.
Peerless. Large rosy pink; fine cupped flower.
Reine d'Angleterre. Fine bright rose.
Rev. H. Dombrain. Very dark crimson; free flowering and hardy.
Sir G. Wolseley. Bright red, shaded carmine.
Glory of Waltham. Brilliant crimson; deliciously fragrant.
Harrison Weir. Velvety crimson, enlivened with scarlet.
H. Schultheis. Delicate pinkish rose; full, double and sweet.
Jean Liabaud. A grand dark red—almost crimson rose.
John Hopper. Bright rose with carmine centre; large and full.
La Reine. Beautiful clear bright rose; very large.
Louis Cariege. Dark purplish red; strong grower.
Sydonie. Violet crimson.
Triomphe d'Alencon. Dark crimson rose.
Triomphe de Reims. Light rose color.
Victor Verdier. Brilliant rosy carmine, edged purple; extra large.

1st size, 50 cts. each,	$4.50 per doz.;	set 60 varieties,	$20.00.
2d	" 40 "	"	4.00	"	" 60	"	15.00.
3d	" 10 "	"	1.00	"	" 60	"	5.00.

SPECIAL LOW OFFER.—15 Monthly or 10 Hardy Roses for $1.00. This offer is made specially for the benefit of our customers who live far from express offices and usually get plants by mail. At this low rate the selection of varieties must be left entirely to us *when the order is filled*, and we cannot supply a schedule of sorts beforehand. Leaving the selection to us allows us to send very frequently new and scarce sorts which may be in a surplus with us. If wanted by express, *buyer to pay charges*, we can send larger and finer plants and will leave all the soil on the roots. If desired, will send 7 Monthly and 5 Hardy Roses for $1.00.



MOSS ROSE, "LITTLE GEM."

EVER-BLOOMING MOSS ROSES

ENTIRELY HARDY.

This class of Moss Roses is quite different from the regular Mosses, which only bloom once. These varieties flower very freely in June, blooming again in the fall.

James Veitch. Deep crimson.

LITTLE GEM. A veritable gem; dwarf, compact habit; flowers very heavily mossed; color, bright crimson. (*See cut.*)

Perpetual White. White, blooming in clusters.

1st size, 75c. each; set 3 for $2.00; 2d size, 30c. each, $3.00 per doz. (small plants).

HARDY MOSS ROSES.

(GENERAL COLLECTION.)

Capt. Ingraham. Brilliant carmine.

Comtesse de Murinais. Pure white.

Crested Moss. Deep pink, crested, first size only.

English. The Red English Moss Rose.

AUGUSTINE GUINOISSEAU.

Henry Martin. Fine bright pink.

Hortense Vernet. Rosy carmine.

Luxembourg. Crimson scarlet.

White Bath. Pure white.

1st size, 75c. each; $5.00 per set. 2d size, 50c. each; $3.50 per set; 3d size, 30c. each; $2.00 per set.

AUGUSTINE GUINOISSEAU ("White La France").

A "sport" from that fine hardy Rose, "La France," and similar to it in every respect, excepting color, which, in this new sort, is a unique shade of flesh white, hence its title of "White La France." On account of its great freedom of bloom, delicious fragrance and hardiness, it has become very popular. For cemetries it is unequaled. Price, 1st size, 75c. each; 2d size, 50c. each, $4.50 per doz.; 3d size, 20c. each, $2.00 per doz.

THE OLD CABBAGE ROSE.

We take pleasure in offering fine plants of the true Red Provence Rose, better and more favorably known as the "Cabbage Rose"; large, deliciously fragrant deep pink flowers, and perfectly hardy; an excellent Rose for cemeteries. Price, 60c. each.

MADAME PLANTIER.

This grand old variety is second only to "Gen. Jacqueminot" in general usefulness. As a cemetery Rose it is still without a rival. The flowers are borne in the greatest profusion, and are of the purest white. Hardy as an oak and certain to grow as grass, it is not to be wondered at that it still holds its own against all comers. Price, strong plants for this season's blooming, 50c. each, $4.50 per doz.

THE DAMASK ROSE.

(Rosa Damascena.)

This is the Rose so largely cultivated in the gardens of the East for the purpose of making Rose-water, Attar of Roses, etc. The flowers are large and very sweetly scented; the plants are vigorous in habit. To this species we owe many of our modern varieties of high order. We have been repeatedly asked for this Rose by our customers, and take pleasure now in offering it. Price, strong plants, $1.00 each, $9.00 per doz.

HARDY YELLOW ROSE,

"PERSIAN YELLOW."

Dark golden yellow. The best variety of its color; entirely hardy. It is difficult to imagine a finer sight than this when in full bloom, covered with its bright yellow blooms, which are borne along the ripened wood so that they appear in sprays. It must not be pruned much, if any, unless to cut out dead or diseased branches. (*See cut.*) Fine large plants, $1.00 each; 2d size, 75c. each.

TRUE ENGLISH SWEET BRIER.

(Rosa rubiginosa.)

Valuable for the refreshing fragrance of its leaves. This is the true Eglantine. No garden should be without a plant of it. It is perfectly hardy, and once it is planted, little, if any, care is necessary. Price, 30c. each, $3.00 per doz.

PERSIAN YELLOW. (½ natural size.)

GENERAL COLLECTION OF EVER-BLOOMING ROSES.

REVISED 1894.

FOR the convenience of our customers, we have this year subdivided the collection into six leading groups of shades of color. This will, we trust, greatly facilitate the work of selecting. Although we do not offer as long a list of varieties of Roses as some, yet our stock in quality, condition and extent is unequaled, and we contend that our customers are safer in selecting from our list of *choice tested varieties* than if we offered a long list, which would of necessity contain many inferior sorts. **See prices at end of list.**

SHADES of RED

Andre Schwartz. Dark crimson.
Aline Sisley. Violet red, brightened with crimson maroon.
Chas. de Legrady. Carmine red, edge of petals silvery white.
Douglas. A true Bengal Rose; dark rich crimson in color; buds of good shape; very free flowering.
Dr. Reymont. Deep crimson; very free blooming.
Gen. de Tartas. Brilliant carmine; shaded violet purple.
Geo. Peabody. Glowing crimson, changing to a scarlet shade.
Jules Finger. Bright rosy scarlet, shaded with crimson.
La Phœnix. Red, shaded crimson; free bloomer.
Louis Philippe. Dark rich crimson.
Mme. Rivoy. Crimson scarlet.
Pres. d'Olbecque. Bright purplish crimson; good shape and habit.
Red Malmaison. Dark crimson scarlet.
Regulus. Crimson, shaded pink and rose.
Rubens. Bright red, a fine color.
Souv. de Victor Hugo. Tawny red, shaded carmine rose.
Souv. de David. Rich rosy carmine; finely shaped buds.
Theresa Loth. Fine carmine red, with deep rose shading.

SHADES of WHITE

Bella. Pure white; superior for summer flowering.
Bianqui. White, shaded flesh color.
Blanche Nabonnand. Creamy white, tinged yellow and rose.
Cornelia Cook. Perhaps the finest white Rose; flowers very large and double; pure white, with light lemon colored centre.
C. Koch. Light flesh color; very double.
Devoniensis. No collection is complete without this superb variety; very full; a creamy white with pink centre.
La Tulip. White, tinged rosy lilac; large and fragrant.
Marie Guillot. Pure white; a fine bedding rose.
Mme. Dennis. White, with yellowish centre.
Mme. H. Jamain. White, shaded yellow and pink.
Mme. M. Berthon. Pure white, shaded with lemon color.
Mme. Maurice. Delicate flesh color; very large and double.
Mme. Rachel. Pure snow-white.
Mme. Ristori. A good bedding variety; color, deep blush.
Souv. de Gabrielle Drevet. Salmon white, centre bright rose.
White Bon Silene. A pure white "sport" from Bon Silene.

SHADES of PINK

Alba Rosea. White, tinged rose color, shaded blush.
Anna Olivier. Creamy blush, shaded with carmine.
Ada Cook. Beautiful light pink; very pretty.
Appoline. Dark pink; full and fragrant.
Beau Carmine. Light rose color.
Bougere. Beautiful dark pink; sweet fragrance.
Bon Silene. This splendid old variety is equally valuable for summer or winter blooming; average size and exquisite Tea scent; color, brilliant carmine.
Bourbon Queen. Clear satiny rose, shaded white.
Catherine Mermet. One of the most fashionable Roses for cut flowers; color, clear rosy pink; very large pointed buds; full, double and fragrant.
Compte Bobinsky. Rich carmine; full.
Duchesse de Brabant. Soft rosy flesh tint; flowers globular.
Fairy Rose. Flowers carmine, the size of a dime.
Flavien Budilon. Delicate rose.
Letty Coles. Soft rosy pink, intense crimson in the centre.
Leveson Gower. Beautiful rosy salmon.
Marie Sisley. A surperb rose; full and double; of true Tea odor; exquisitely shaded with bright rose on a pale yellow ground.
Marie Ducher. Rich transparent salmon, with deeper colored centre; full, double and sweet.
Marie de Bau. Rich blush color, full and double.
Mme. A. Etienne. Rosy claret, shading to pale rose.

SHADES OF PINK.—*Continued.*

Mme. Cusin. Shell pink, shaded cream.
Mme. A. Nabonnand. Light salmon, shaded rose.
Mlle. C. Perreau. Bright silvery pink, shading to rosy carmine.
Mme. de Narbonne. Bright pink; profuse, full and fragrant.
Mme. Lambard. Rose color, tinged salmon and buff.
Mme. de St. Joseph. Finely shaped buds; deep pink.
Mme. de Vatry. Dark pink; splendid for summer blooming.
Mme. Angele Jacquier. Full and double; light blush.
Mme. Camille. Delicate rosy flesh color, changing to salmon.
Mme. Bravy. Rich cream color with pinkish centre.
Melville. Bright pink, changing to silvery rose.
Miss Caroline. Rosy pink, shaded peach.
Nina. Pinkish rose, shaded silvery white.
Odorato. Beautiful blush tint; exquisite Tea fragrance.
Souv. de Geo. Sand. Carmine, shaded amber.
Souv. d'Un Ami. A splendid Rose; clear pink.

SHADES of BUFF

Ella May. Deep orange buff, shaded apricot.
Mme. A. Imbert. Color, rosy buff with peach colored shadings.
Mme. Falcot. Fine apricot yellow, tinged buff.
Mme. Welch. Apricot yellow, shaded canary color.
Ruby Gold. Tawny yellow, shading to "old gold"; crimson centre with veins of rosy red and pink. Had its origin as a "graft hybrid."
Safrano. This is the ideal Tea Rose; buff color, tinted apricot yellow; exquisite fragrance and splendid bud.
Sappho. Fawn color, shaded rose.
Vallee du Chamounix. Copper color, shaded citron red.

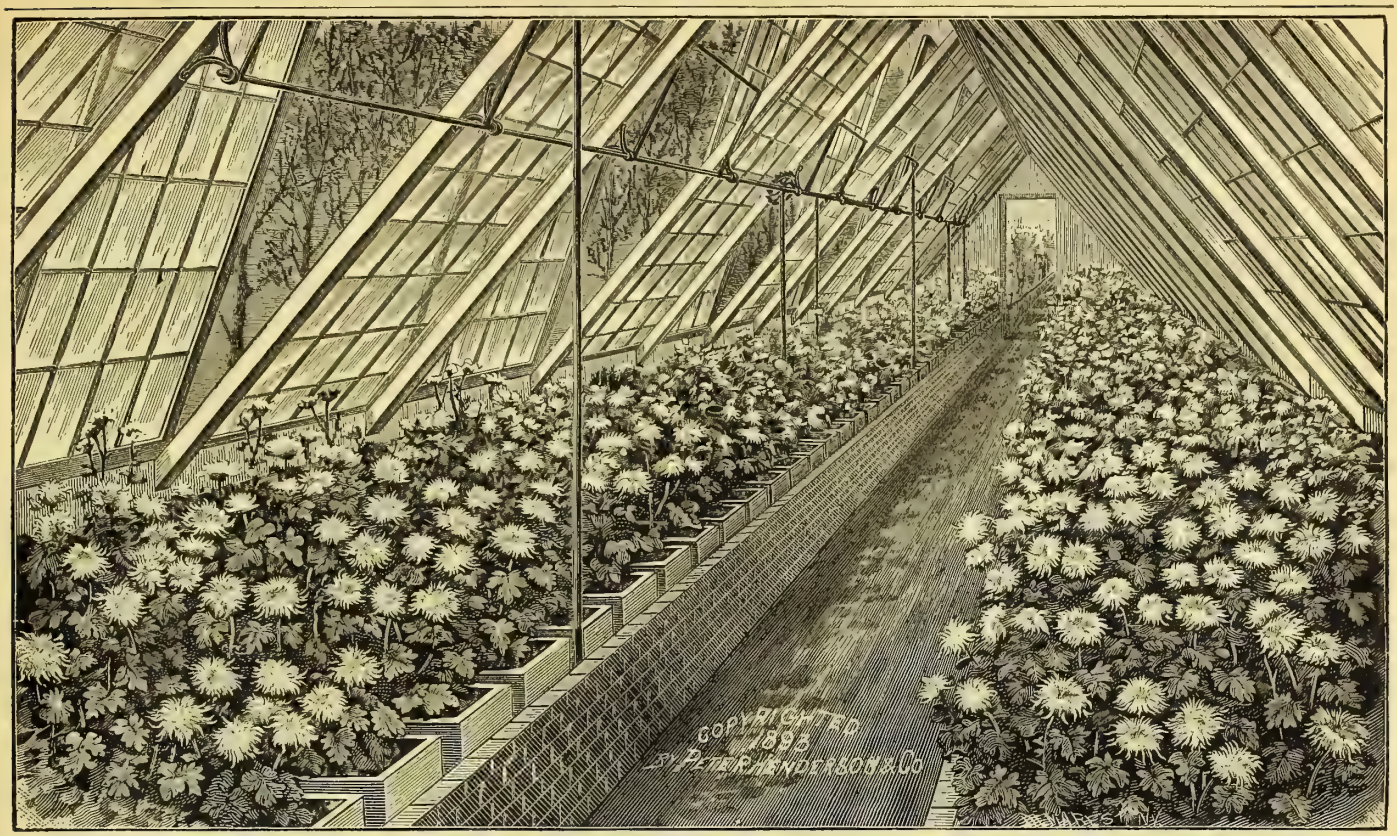
STRIPED and VARIEGATED

American Banner. Striped crimson and white.
Chas. Rovolli. One of our favorite varieties; color, a beautiful carmine, changing to silvery rose; base of petals clear yellow.
Clement Nabonnand. Outer petals rosy lilac, inner ones golden yellow; free flowering and fragrant.
Comtesse Riza du Parc. Bright coppery rose, shaded crimson.
Goubalt. Bright rose color, tinted buff; Tea fragrance.
La Sylphide. Beautiful cream color, shaded rose.
Luciole. Clear cherry red, rich golden yellow centre.
La Nuancee. Fine salmon rose, tinged copper color.
Rainbow. Deep rosy carmine, striped light pink.

SHADES of YELLOW

A. Christophle. Apricot, shaded with soft rosy crimson.
Canary. Beautiful light yellow; profuse bloomer.
Chat. des Bergeries. Pale canary yellow.
Comtesse de Frigneuse. Bright canary yellow.
Etoile de Lyon. Golden yellow.
Exadelphe. Beautiful yellow; large and full.
Isabella Sprunt. Light canary yellow; largely used for winter blooming; buds medium size and good shape; very fragrant.
Mme. Ched-Guinoisseau. Dark golden yellow.
Mme. Remond. Sulphur yellow, margined red.
Mme. Honore Defresne. Clear golden yellow.
Mme. Barthelemy Levet. Bright canary colored flowers.
Mme. Caroline Kuster. Beautiful light yellow, tinged with pink
Mme. Devacourt. Bright canary yellow; deliciously perfumed.
Narcisse. Pale lemon yellow; free flowering; full and fragrant.
Sulphureaux. A deep sulphur yellow; fine in the bud.
Stella. Light yellow, full and sweet.

1st size,	50c.	each,	$4.50	per doz.;	set of 100 varieties..... $35.00
2d "	30c.	"	3.00	"	" " " 20.00
3d "	10c.	"	1.00	"	" " " 8.00



SEPTEMBER FLOWERING CHRYSANTHEMUMS.

(Engraved from a sketch made in our Greenhouses Sept. 28th.)

For the second year we offer these new Chrysanthemums, and after a more extended trial we do it more confidently. The illustration shows them naturally grown in boxes. They are shown under glass where they were removed to protect the flowers from the September storms. Out of over 100 sorts which we tested we have selected those named below as the most desirable. Hitherto the great objection to Chrysanthemums in our Northern States was that the frost destroyed most of the flowers before coming to maturity, but now this difficulty is overcome, and this grand advance must surely give an impetus to Chrysanthemum culture hitherto unknown. Our list this year contains some new varieties not offered last year. We are indebted to M. Delaux, of France, for this new departure, and it is doubtful if any more valuable acquisition has been secured in the long annals of successful hybridization.

Albert Thausson. Flower medium, very double; petals numerous; golden yellow, blazed and lined with deep crimson.

Alfred de Montebello. Large-flowered Japanese; petals recurved, outlined in corkscrew; silvery white with tinge of rose, centre largely gold color; a pretty variety.

Baron Veillard. Pæony-flowered hybrid Japanese; plant dwarf, flower very double and very large; brilliant yellow, each petal outlined in rosy crimson. Unique and splendid.

Camille Bernardin. Very large pæony-flowered; amaranth violet and brilliant carmine, lightened with white; entirely new.

Charles Joly. Japanese hybrid; flower very large; large petals; beautiful violet rose, glossy white, centre gold; dwarf habit.

De Agala. Flower well formed and very double; rose color, flecked with white, centre golden yellow.

Jean Nicolas. Japanese; flowers small and petals slender and curled; glossy rose and a shade of dim white, centre cream; flower wholly disheveled; a new order and a very pretty variety.

Leon Itasse. Large-flowered Japanese; petals slender, very numerous, brilliant yellow gold, blazed with brick red and light flame; reverse gold. Unique form.

Marquise de Montmort. Japanese; flowers very large, pure glossy rose and silvery white; a unique and distinct variety.

M. Dupuis. Pæony, large double flowered; well imbricated; deep, beautiful canary yellow, reverse rose; a beautiful novelty.

M. E. Vaucher. Japanese; large flowers, beautiful rosy wine color, marked with glossy white, large orange centre.

M. Francois Katzer. Japanese; very large flower, curled and disheveled, a rusty rose and light yellow, marked with long lines of deep yellow; entirely new, the most beautiful and most remarkable of the autumn varieties, obviously distinct.

M. Frederic l'Usmayer. Japanese; flowers enormous, and very double, large petals, those on the edge rolled up among themselves, of a most brilliant color, deep yellow, each petal regularly framed with crimson maroon.

M. Henri Galice. Japanese; flower very double, brilliant golden yellow, tinged with rosy pink, lightly flamed and pointed with yellow; form and color new.

M. Lemaille. Large-flowered Japanese; petals very long; color, dregs of wine, centre golden chamois—a new color. Plant dwarf.

Mlle. Germaine Cassagneau. Pæony-flowered, very large; large petals; lilac rose, shaded with white; centre gold color.

M. Maxime de la Rocheterie. Japanese. This variety obtained a first-class certificate in London. The outer petals recurved; flowers very large, disheveled and curled; brilliant orange with yellow centre, shaded rosy crimson.

Mme. A. Thiebault de la Croure. Japanese; of a special new form; carmine purple, centre greenish gold color.

Mme. B. Jung. Pæony; flowers enormous, the largest of its kind; deep crimson red lighting to chamois, shading to a rich velvety brown; petals incurved and old gold on reverse, with frequently a silvery edge; a striking variety and a good plant for exhibition.

Mme. Eulalie Morel. Japanese hybrid; flowers very large, very long, recurved petals, rich, rosy pink, deepest at the centre.

Mme. Gastellier. Pure white, a large fluffy flower, double to the centre, one of the earliest to bloom, and one of the most showy varieties in the list.

Mme. Louis Lionnet. Pæony Japanese hybrid; flowers large, brilliant silvery white, richly tinged with rose: centre old gold.

M. Zephir Lionnet. Japanese; flowers semi-double, very large; petals long, recurved and curled; color violet rose and purple.

R. du Mesnil de Montchauveau. Japanese; large flowers, open tubular petals, beautiful violet and amaranth purple.

Vice-President Hardy. Japanese. It is, without dispute, one of the most remarkable varieties in existence; petals very large and very long, recurved, curled, irregularly grouped; flower exceptionally large, brilliant yellowish gold, bordered with rosy crimson violet; new species, distinct from all others.

Price for any of the above, **25c. each.**

SPECIAL OFFER.—Set of 25 new September Flowering Chrysanthemums for **$5.00.**

NEW STRIPED CHRYSANTHEMUM, "UNCLE SAM." (½ natural size.)

New Striped Chrysanthemum,

"UNCLE SAM."

The most unique variety as yet introduced and one that has created a sensation wherever exhibited. The ground color is brilliant rose pink, each petal being regularly striped with pure white; the centre is chocolate colored with crimson shadings. The form is as unique as the coloring, long pointed petals irregularly and gracefully falling away from the centre, where they stand upright in feathery gracefulness. The habit of the plant is strong and rugged, strong stiff stems, medium tall, and filled with magnificent foliage. The illustration shows a flower less than one-half natural size. Price, 50c. each, $4.50 per doz.

New "Ostrich Plume" Chrysanthemum,

"THOMAS JONES."

A seedling from "Mrs. Alpheus Hardy," of fine globular form, beautiful shade of rosy blush and thickly studded with a growth of fine hairs. We secured the entire stock of this most valuable variety, and can safely recommend it as being an advance on existing sorts. It has a pronounced sweet odor which is rare among Chrysanthemums. One of the finest of this most beautiful class. Price, 40c. each, $4.50 per doz.

(For balance of "Ostrich Plume" varieties, see page 120.)

The Prize-Winning Chrysanthemums

OF 1893.

The following are varieties which we selected from among the prize winners of 1893, all of which have been tested by us, so that we can confidently offer them as decided improvements:

A. T. Ewing. Color, creamy white, heavily banded and penciled in carmine pink; petals very thick, broad and flat, with nicely rounded tips; flat or slightly reflexed, central petals upright, perfectly double, large and of fine form; very free in growth and bloom.

Amber Queen. Soft amber with deeper shadings; of exquisite form and very full; petals reflexing till the depth is wonderful, while the centre is still finely rounded. Of fine, free habit, and of easy cultivation. A Chinese reflexed variety of good size for the section.

Anna Woods. Bright rosy magenta, the finest specimen of this color that we have seen; petals broad and thick, outer rows quite horizontal, with incurving centre, showing a silvery lining; perfectly double, of fine size; another free grower; stems stiff and strong.

Creole (Inc. Jap.) Deep claret, reverse of petals bright garnet; large, bold flowers with broad but not coarse petals. Will make a grand exhibition variety, either as a specimen plant or for cut bloom, it being a very sturdy grower, with fine foliage (early). Certificate of Merit, New York Show.

Falstaff. Clear, deep pink, base of petals rose carmine; very large and a fine bold incurved flower. Dwarf, sturdy grower, with fine foliage and stem. Extra good for cut flower or exhibition purposes (very early).

Geo. R. Gause. The variety **Walter Coles** has been greatly admired, both here and abroad, for its unique color, a bright bronze, or terra cotta; the present variety is almost identical in color, while the size is immense, and is nearly as great in depth as in diameter; shows no eye; petals straight or slightly incurving; a half globe in form; strong in growth and free.

Illuminator. Very deep, bright clear yellow; large full-round flower, with broad, straight petals; excellent keeper, and a very desirable variety, with good stem and foliage.

Jennie Williams. Creamy white with yellow shadings; extremely double; petals upright and somewhat incurving; outer petals broader; massive, and grand in build; a splendid exhibition variety; good grower.

Joey Hill. Of the very grandest size; we know of nothing larger in the entire family. Color, deep cardinal red of beautiful shade, faced with old gold; the outer petals are flat, showing the color to good advantage; the centre is an immense mass of closely packed petals—no room for another one apparently. Very strong in growth. An entire new departure in reds.

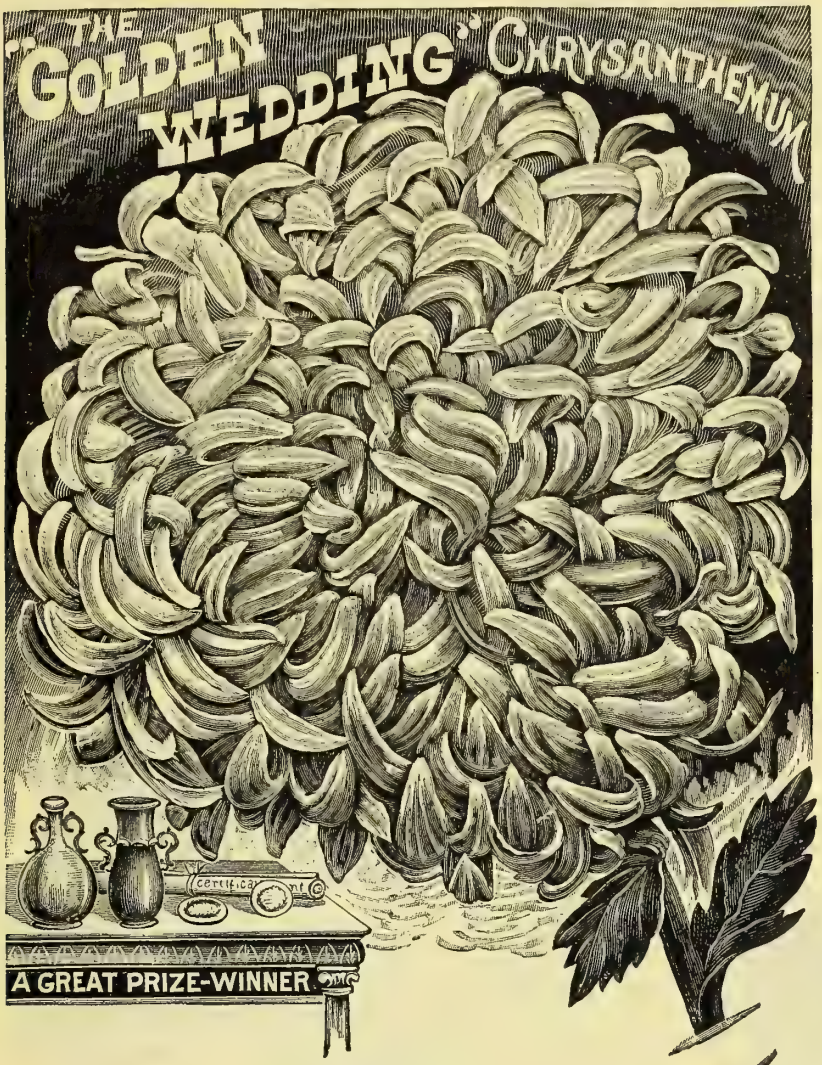
J. H. Cliffe. A delicate shade of pink; fine rounded form. This variety carried off first prize for the twelve best blooms of pink at Philadelphia, the specimens shown measuring nine and one-half inches across.

Judge Hoitt. The greatest break in seedlings of recent years; an anemone fully eight inches across; color, pale pearl pink; the outer petals are broad and incurving, some three rows in depth. These form a saucer, enclosing a broad disk of central florets of wide open trumpet shape which rise and fill the flower into rounded form from side to side. A nice free grower, and of very easy management.

Miss Lydia Hopkins. Flowers extremely large, perfectly double; whorled and incurving in form, broad petals, gradually becoming erect; color, white irregularly suffused with bright pink; no two flowers marked just alike. Very profuse in growth, perfecting its blooms readily; fine both for cut flowers and exhibition.

Price, 35c. each, $3.50 per doz.

(For balance of "Prize Winners," see next page.)



GOLDEN WEDDING.

(½ NATURAL SIZE.)

This is undoubtedly the grandest golden yellow variety ever introduced and is the marvel of the period. Nothing can exceed the richness of its color; it is unrivaled in this respect. It is a remarkably vigorous grower and has such strength of stem that it carries its great globular flowers erect, giving it a bold majestic appearance. The form of *Golden Wedding* is unique; the outer petals droop downward in picturesque irregularity, the centre of the flowers is built high, with broad petals irregularly overlaid, so that although the flowers are so large they are not heavy, solid-looking like many others. For this reason alone, it will, no doubt, supersede all other yellow varieties with the public. This grand variety has been awarded the highest honors wherever exhibited. When first shown in Philadelphia, in the fall of 1891, it was given a silver medal; exhibited there the past season the judges unanimously pronounced it the finest yellow in existence. At the exhibition in Madison Square Garden, New York, 1892, it was awarded the **Silver Cup** offered by **"Garden and Forest"** for the best vase of six flowers. It was awarded the **Silver Cup** offered by Mrs. W. Bayard Cutting for the best vase of fifty flowers, and it won **First Prize** in the special competition for the best vase of yellow. This is certainly a most wonderful record. At the exhibitions last fall it was conceded to be the finest yellow variety shown, and it will undoubtedly retain that position for years to come. Price 25c. each, $2.25 per dozen.

GETTYSBURGH.

This is a deep crimson variety and originated as a "sport" from "Omar" in our grounds. The outer petals are broad and drooping, and have a lustrous sheen in the sunlight. The form is flat, with drooping outer petals, which gives it a very graceful appearance. Price, 25c. each, $2.25 per doz.

GOOD GRACIOUS.

Another introduction from Japan, and so remarkable for size as to suggest its name; the first sight of it usually brings forth an exclamation of admiration. The color also is unique, being a delicate shade of peach pink throughout. The form is remarkable, the petals are incurved and twisted, overlapping each other in irregular fashion, and resembling talons. Of all the splendid varieties introduced from Japan this is perhaps the most remarkable for size, form and color, and stands alone in its unique beauty, there being nothing at all approaching it. Price, 25c. each, $2.25 per doz.

Special offer. One each of the three "Gem" Chrysanthemums (shown on colored plate in our Catalogue of 1893) for 50c.

PRIZE WINNERS (continued from page 118).

Maud Dean. An extra large flowered variety, petals broad and incurving, perfectly double and of great substance; color pink, almost rose, a shade not found in any other variety. A model variety for cut flower purposes in form, size, color, and stem.

Mrs. J. W. Crouch. The nearest approach to self purple yet seen; of globular Japanese form, very large in size, and petals broad and of heavy texture; quite full, though not *perfectly* double; never shows the centre, however. A strong, free grower.

Miles A. Wheeler. A fine midseason incurved Japanese. Flowers of large size, the ground color a beautiful light yellow with outer petals finely striped pink, giving it a bronze appearance by day and pink by night. Best yellow at Indianapolis, 1891; Certificate at Boston and best seedling at Sharon, Pa., 1892.

Niveus. A grand snow-white variety. Centre irregularly incurving with outer petals reflexing nearly to the stem. Constitution robust, foliage large and abundant, while the keeping qualities of the flowers are unsurpassed. Without doubt, the best seedling of the year. Winner of the Gold Medal and $100.00 at Cincinnati; the Periam & Thorpe Special Prizes at Chicago. Also $25.00 at Indianapolis, and the same at Bay City, as the best seedling, any color, for 1892. Also Certificate at Springfield.

Pres. Wm. R. Smith. Color of *Daybreak* carnation, a pure self pink; very heavy in substance, on stiff stems; very free in growth and also free in propagation; the form of the flower is very beautiful in all its stages; it opens with a centre incurving in a circle enclosed in broad outer petals; it gradually assumes the true Japanese form, rounded and deep, and this gradually changes to the informal reflexed; perfectly double; a splendid keeper; especially fine for cut flowers and exhibition blooms.

Robt. McInnes. Might be described as a perfectly double *Mrs. Wheeler;* the color is quite as bright, both the scarlet and the gold, while it is full to the last degree, a perfect globe in form; it is quite early, being in full perfection the last week in October, and can be had much earlier. Very brilliant in appearance as well as grand in size and form.

W. G. Newitt. Pure white with long drooping petals from the outer rows, centre petals upright; very informal in arrangement, of large size; the foliage extends up the stem quite to the receptacle and acts as a support for the reflexed petals, broadening the flower very much in effect.

W. N. Rudd. Color pale lavender pink of pleasing shade. The petals are very long, the outer ones drooping, and all are of the curiously notched formation seen in Elkshorn; of more than medium size and of most exquisite finish; a good free grower. Perfectly double; a fine cut flower variety.

Price 35c. each, $3.50 per doz. Full set of 20 "Prize Winners," shown on this and the preceding page, for $5.00, a reduction of $2.00 from the individual price.

American Seedlings.

Introduced by us and offered at greatly reduced prices.

David Rose. Rosy claret, edged with silvery white. Awarded a certificate of merit at Philadelphia.

Ella May. Primrose yellow, apricot centre, extra large and fine. Awarded a *silver medal* at Phila.

Evening Glow. Deep yellow, with rich bronze red shadings.

Faultless. Deep golden yellow, extra large and full.

Goldfinch. Deep, intense crimson on the upper surface of the petals—reverse light bronze.

Indian Chief. A vivid, strong crimson; loosely incurved.

Julius Roehrs. A rich shade of violet rose, the reverse of the petals silvery pink.

Majesty. Deep, glowing red; in form it is similar to Cullingfordii, but larger and finer.

Mrs. F. Schuchardt. Exquisite coloring; the centre of the flowers is creamy white, the ends of the petals tinted delicate rose.

Mrs. I. Forsterman. A magnificent extra large, snowy white variety of the Japanese incurved type.

Popularity. A delicate shade of flesh pink, of fine incurved form, large and handsome.

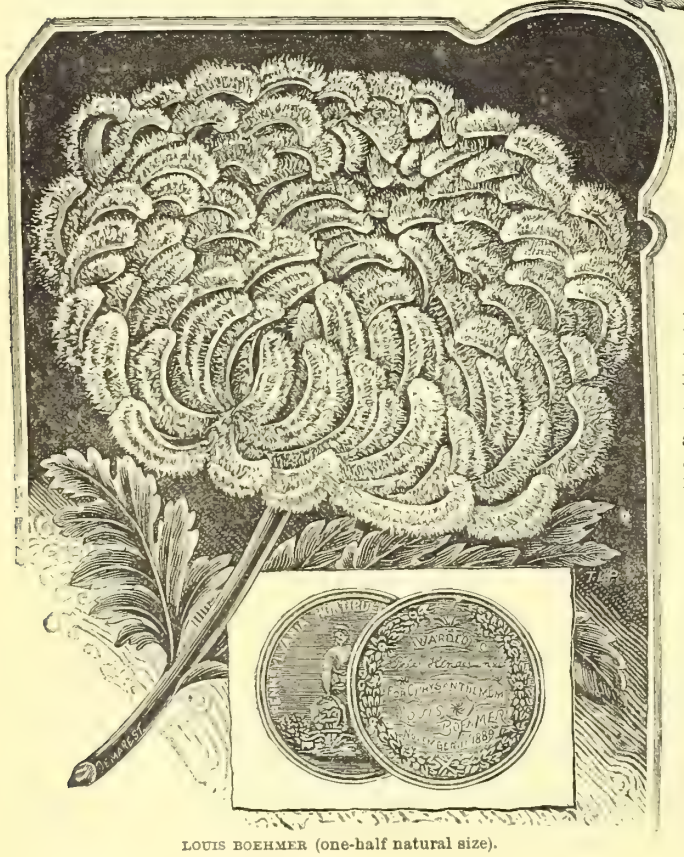
Surprise. A unique shade of bronze red, bold, handsome flowers of the largest size and fine globular form. Price, 15c. each; set of 12 for $1.50.

THE "OSTRICH PLUME" SECTION.

Mrs. Alpheus Hardy. Purest white and exceptionally large and well formed when properly grown. Thickly studded with a feathery growth.

Louis Boehmer. This is identical with the above variety, but its color is an exquisite shade of silvery pink, with deep rose on the inside of the petals. (*See cut.*)

Patrick Barry. A pure yellow "Ostrich Plume" variety, and fit to rank with the others in this section.



LOUIS BOEHMER (one-half natural size).

(Flower two-thirds natural size.)

New Early Yellow, "Marion Henderson."

A new seedling Chrysanthemum raised by ourselves. It has been on trial for two years, and we have every confidence in offering it as the best early yellow Chrysanthemum as yet offered. The engraving, which is two-thirds natural size, shows the form, but cannot show the rich, buttery yellow color of the flowers, which is superb. It is full of petals to the centre and lasts a long time; in fact, although very early, it can yet be made late, because it remains perfect on the plant for such a length of time. We cut the first flowers on October 10th, days before any other large yellow was ready, and had perfect flowers to cut a month later. The texture of the flower is such that we have never seen it in the least affected by damp, although other varieties alongside of it were badly affected; for the same reason, it will ship to long distances and arrive in good condition. These are all strong points in its favor, but the strongest, probably, are the splendid stems on which the flowers are borne, the rugged, healthy habit of the plants, and the magnificent dark green foliage. We have never seen a symptom of any disease on it. This grand variety will be invaluable for early cut flowers, and we believe will occupy the same position among early varieties that Golden Wedding does among late ones. Price, 40c. each, $4.00 per doz.

THE "OSTRICH PLUME" SECTION—Continued.

Miss Annie Manda. Pure white, full flower.

Wm. Falconer. The flowers are of the largest size, and are borne on strong, vigorous stalks.

25c. each; set of 5 "Ostrich Plume" varieties for $1.00.

EXHIBITION COLLECTION.

This collection, as its name implies, is made up of such sorts as are generally grown for exhibition purposes, and embraces nearly every shade of color and variety of form known in the Chrysanthemum. We have remodeled this collection by the addition of some of the very best sorts extant, replacing some of the less attractive varieties, and have included in it our **Newer Varieties** of last year, offering them now at *greatly reduced prices.* This collection of Chrysanthemums as now offered will be sure to give satisfaction to purchasers.

Advance. A beautiful shade of rosy pink.
Autocrat. Deep yellow, fine globular form, large flowers. Early, and promises to be very valuable for cut flowers.
Bohemia. Deep rich red; large, splendid flower.
Bride of Roses. An exquisite shade of rosy pink, of perfect form.
Cashmere. Base of petals light crimson, upper part rich amber.
Chas. Pratt. Porcelain pink, with maroon markings.
DAWN. Delicate rosy blush; flowers of the largest size. (*See cut.*)
Domination. Large, splendid, white, fine fluffy flower.
Eda Prass. Light salmon; very pretty.
Edwin Molyneux. Rich mahogany crimson; reverse of petals golden; broad petals, very large flower; a grand sort.
E. G. Hill. Deep golden yellow, with bronze shadings.
Elaine. Snow-white; very early; splendid.
El Dorado. Clear golden yellow, very dwarf and compact growth. An early flowering variety and very valuable for cut flowers.
Etoile de Lyon. White, striped rose, purple or violet, the markings being variable.
Excellent. An exquisite shade of delicate shell-like pink, large, finely formed flowers, gracefully drooping and double to the centre.
G. F. Moseman. One of the largest flowered varieties, often measuring nine inches across. Incurved petals, bright Indian red inside and buff on the outside.
Grove P. Rawson. Deep buff, orange markings.
Grenadier. Deep brilliant red, reverse of petals old gold.
G. W. Childs. One of the best varieties of last year's introductions; color deep velvety crimson. Large flat flower.
Harry E. Widener. Large, grand yellow; one of the best.
Harry May. Deep old gold, with occasional veins of red.
Ivory. Pure white; a splendid free-flowering variety. It is doubtful if any other Chrysanthemum unites in such marked degree the many excellent qualities of **Ivory.**
Jessica. Splendid, white, large flat flower; very early.
John Lane. Deep rosy pink. One of the best.
John Welch. Dark crimson maroon; loosely formed.
Lord Byron. Deep reddish crimson, tipped old gold.
Lillian B. Bird. Beautiful light pink; extra fine.
L. Canning. Clear white; large flat flower.
Mark Twain. Chrome yellow and cinnabar red.
Mermaid. Large; soft pink; a grand exhibition variety.
M. R. Bahuant. Carmine rose, shaded cerise; a grand variety.
Miss Minnie Wanamaker. Large, clear white; very fine.
Miss Annie Manda. Flower perfectly double, incurved, of the purest white. The petals are studded with a soft feathery growth.
Miss Mary Wheeler. Large, perfectly formed flower; white.
Miss Ada McVicker. A plant of strong habit, producing immense creamy white flowers with broad, thick, reflexed petals.
Mlle. Marie Hoste. Creamy white, striped amaranth.
Mrs. Frank Thompson. Bronzy carmine; reverse of petals creamy white.
Mrs. C. H. Wheeler. Old gold and crimson; decidedly Japanese.
Mrs. Humphreys. Pure white; a grand variety.
Mrs. Bowen. A charming contrast of old gold and reddish crimson.

Mrs. L. C. Madeira. Bright yellow; globular.
Mrs. Maria Simpson. Bronze yellow; very fine.
Mrs. Chas. Dissell. Large flower; pink and white.
Mrs. Irving Clarke. Splendid, large, soft pink.
Mrs. E. D. Adams. Flower very large; petals of medium width, very long, twisted, the outer ones whirled; color pure white.
Mr. H. Waterer. Yellow, base of petals deep apricot.
Mr. Hicks Arnold. Large, full double flowers of an old gold color, lighting up wonderfully by artificial light.
Nankin. Sulphur yellow, shading to creamy white at the margin of the flower. The petals are long and silky. A unique and attractive variety.
O. P. Bassett. A grand crimson variety, lighted up with scarlet, large solid flower; one of the very largest in its class.
Pietro-Diaz. Brilliant crimson; large double flowers; a gem.
Polo. A very curious variety, long petals with crooked ends, like a polo stick.
Robert Bottomley. Large, pure white, irregularly twisted and incurved; splendid for exhibition purposes.
Rose Queen. Beautiful shade of carmine rose.
Rohallion. Clear yellow, large, finely formed flower.
Robert Cannell. A variety of great merit, awarded two certificates in England. Color, bronze red, under petals gold colored.
Roslyn. A superb, clear, Mermet rose pink, petals thick and heavy, cup-shaped, solid to the centre, immense in size, having been exhibited eleven inches across; habit the best, stems stiff and erect, foliage luxuriant; the best pink in commerce.
Sun God. One of the largest varieties yet offered. Flowers of the largest size, with broad, bold petals. Deep yellow, marked with rich bronze.
Sylphide. Chrome yellow, marked with chestnut.
The Tiger. A grand incurved variety; old gold and deep red.
Violet Rose. A grand variety for every purpose. Form and habit superb; color, deep violet rose.
W. H. Lincoln. Bright yellow; large, splendid flower.

Price, 15c. each, $1.50 per doz. Set of 60 Exhibition varieties for $7.50.

M. BOYER. (½ natural size.)

SECOND EARLY COLLECTION.

OCTOBER FLOWERING.

Although *all* of the Chrysanthemums are early enough to perfect their flowers in the open ground south of Baltimore, yet in the vicinity of New York and further north many of the late kinds sometimes do not; hence we name this Early Collection for the benefit, particularly, of residents of extreme Northern States.

Belle Paule. Soft white, tipped light rose.
Bouquet Nationale. Pure white, tinted lemon.
Chas. Delmas. Brick red, with fiery shading.
Comtesse de Careil. Bright orange and red shades; very early.
Elaine. Pure snow-white; large and full.
Gladys Spaulding. Deep brassy yellow.
Gloriosum. Bright sulphur yellow.
Golden John Salter. Beautiful deep golden yellow.
Golden Lace. Pure yellow; finely cut petals.
Livadia. Pure white, anemone-flowered.
Lord Mayor. Deep rosy pink, shaded silvery white.
M. BOYER. Lilac rose, shaded silvery white. (*See cut.*)
M. Hilliot. Deep buff, shaded orange.
Mrs. Brett. Twisted golden petals.
Mrs. Heale. Creamy white; exquisite form.
Mrs. John Laing. Orange, old gold and bronze.
Mr. Wm. Barr. Bright crimson, shading to golden yellow.
Norma. Blush white, tipped rose.
Penelope. Rosy pink; large and full.
P. Radaelli. White, canary yellow in centre; a very early variety.
Precocite. Small, white; very early.
Sœur Melaine. Pure white, fringed; fine habit.
Timbale d'Argent. Pure white, large Anemone flower.

Price, 15 cts. each; set of 23 early sorts for $3.00.

Special Low Offer, Fifteen Chrysanthemums for $1.00.

For only $1.00 we will send by mail 15 varieties of Chrysanthemums, but the selection must be left to us at the time the order is filled. We cannot supply a list beforehand, as we sometimes have a surplus of some new varieties we are enabled to include in these low offers, some of the choicest sorts. If sent by express (buyer to pay charges) we can usually send larger and stronger plants.

General Collection.

We have selected the varieties below named from among the hundreds we grow, as embracing the greatest variety of form and color to be found outside of those offered in the various groups and collections on the preceding pages.

JAPANESE VARIETIES.

Bartholdi. Deep rosy pink, shaded maroon.
Blooming Rose. Bright rosy pink.
Comte de Germiny. Old gold and Indian red.
Cullingfordii. Dark mahogany crimson; extra fine.
Delie. Large creamy white.
Fascination. Large white, pink centre.
Frank Wilcox. Golden amber.
Fulton. Clear bright yellow; long, twisted petals.
Geo. Sand. Bronzy pink, yellow centre.
Gladiator. Deep crimson; fine.
Julius Cæsar. Rich red, shaded terra cotta.
Leopard. Carmine, splashed white.
Mandarin. Deep Indian red.
Margaret of York. Sulphur yellow.
Medusa. Pure white; long, silky petals.
M. Mousillac. Deep chestnut brown, shaded scarlet.
Mrs. J. N. Gerard. Beautiful silvery pink.
Mrs. Lord. Clear yellow; fine petals, twisted like tangled mass of silken threads.
President Hyde. Rich yellow; twisted petals.
Prince Kamoutski. Crimson and coppery bronze.
Puritan. White, tinted lilac; a beautiful variety.
Rob Roy. Orange, shaded red.
Sec. Barotte. Deep bronzy orange.
Spiralis. Creamy white, shading to deep pink.
Tecumseh. Deep Indian red.
Wenonah. Silvery white, tipped rosy pink.
Yeddo. Bright yellow.

Price, 10 cts. each; set of 27 fine varieties for $2.50.

CHINESE INCURVED VARIETIES.

Diana. Clear white; compact.
Fingal. Rose violet, with lighter back; very showy.
Golden Empress. Deep brassy yellow.
Golden John Salter. Beautiful golden yellow.
Golden Prince. Clear golden yellow.
Helen of Troy. Soft, attractive shade of pink.
Hero of Stoke Newington. Rosy pink, shaded purple.
Isabella Bott. Purest white; a perfect globe.
Jardin des Plantes. Deep yellow; large and full.
Lady Slade. Bright lilac pink.
La Neige. Pure white; profuse bloomer.
M. Raoux. Dark crimson red; very double.
Mrs. Jessie Barr. Pure white; incurved.
Nil Desperandum. Dark red and orange.
Pericles. Bright Indian red.
Pink Venus. Lilac peach; large and beautiful.
Prince Alfred. Deep pinkish carmine.
Princess Teck. Extra large creamy white.
Refulgens. Rich purplish maroon.
Saint Patrick. Bronzy red; very fine.
Virgin Queen. Soft creamy white; incurved.

Price, 10 cts. each; set of 21 fine sorts for $2.00.

POMPON, OR BUTTON VARIETIES.

Arbre de Noel. Deep orange, shaded red, tipped yellow; finely fringed.
Black Douglas. Dark maroon red; striking in color; deeply toothed petals.
Bouquet. Rich carmine.
Canary Bird. Light canary yellow.
Cravaction. Deep pink, yellow centre.
Golden Bedder. Clear golden yellow.
Marie Aurat. Light pink, shaded rose.
Model of Perfection. Bright pinkish lilac, shading to white.
Montgolfier. Maroon, tipped rich golden yellow.
Mrs. Aristee. Deep canary yellow; Anemone-flowered.
Snowdrop. Pure white; flowers like miniature snow-balls.
White Bedder. Small, pure white; very early flowering.

10 cts. each; $1.00 per set of 12.

The full set of 210 kinds of Chrysanthemums, as named, for $25.00. If bought separately, these collections would cost $30.30.

GOLDEN ROD. (About ⅓ natural size.)

Ever-Blooming French Cannas.

Visitors to the World's Fair at Chicago will, no doubt, have pleasant remembrances of the brilliant display made by these peerless plants, and they must consequently be greatly increased in popular favor. In the effort to obtain fine individual flowers some dealers have, we think, overlooked the fact that their value must always depend on the effect obtained when planted in a mass, and as a consequence some sorts have been introduced which, although fine individually, yet lack that prime factor of excellence. We have tried to avoid that error, and therefore offer only such as give a good display in masses, as well as having large individual flowers. They are, without question, the finest plants we have for summer bedding; their rich tropical foliage and bright blossoms are indispensable for lawn decoration. They flower in the open ground during the entire season, and if grown in pots make grand plants for the conservatory or greenhouse.

GOLDEN ROD.

The new golden yellow French Canna, to which we have given the above name, was raised from seed of Madame Crozy on our grounds two years ago, and is easily the best yellow variety within our knowledge. Many of the so-called yellows are only spotted varieties, which at a little distance have a neutral tint; but this peerless variety is *clear golden yellow throughout*, except some scarlet spots at the base of the small lower petal; this only serves to bring into prominence the beautiful yellow of the upper petals. The style of growth, the foliage, the flower heads and individual florets are all counterparts of Madame Crozy, which is conceded to be the ideal variety in every respect, so that no higher recommendation could be given to it.

Price, $1.00 each, $9.00 per doz.

CHARLES HENDERSON.

A magnificent variety, named by M. Crozy in honor of one of the members of our firm. The flowers are deep, rich crimson, borne in compact, symmetrical heads, above a rich green foliage. The habit of the plants is dwarf—about 3½ feet high—but the foliage is broad and massive. Taken all in all, this variety may well be considered the finest of recent importations. Price, 75c. each, $7.50 per doz.

"MADAME CROZY." (See Engraving.)

Undoubtedly the grandest of all varieties. The color is a brilliant vermilion scarlet, *bordered with deep golden yellow;* the flowers are borne in great clusters and in such profusion that they crown the plant with a blaze of glowing color. The foliage is vivid green, broad and massive; the habit of the plant is compact and vigorous, its natural height being rarely more than four feet. We have a grand stock of this peerless variety and offer it very low, all strong plants. Price, 30c. each, $3.00 per doz., $20.00 per 100. Special rates for larger quantities.

ALPHONSE BOUVIER.

The richness of coloring in this variety is its greatest glory, a deep, rich crimson, velvety in its intensity, overlaid with dazzling red. Words give but a meagre description of its soft brilliancy. It is a strong grower, attaining a height of six feet, and is so very free-blooming that from the opening to the close of the blooming season it is a constant mass of bloom. Price, 50c. each, $4.50 per doz.

MISS SARAH HILL.

A beautiful crimson lake overlaid with carmine, and one of the very best in our list. The habit of the plant is all that could be desired, growing to a height of about four feet, and surmounted by symmetrical heads of flowers. In our grounds it was a continuous mass of bloom from the opening of the season until frost. Price, 30c. each, $3.00 per doz.

PAUL MARQUANT.

A very beautiful and distinct variety; the individual flowers are the largest among the race and are a peculiar shade of salmon, overlaid lightly with soft rosy carmine, very pleasing to the eye. It can be planted with telling effect in juxtaposition with any variety, crimson, yellow, red or spotted, as it is distinct from all and contrasts agreeably with any. Price, 50c. each, $4.50 per doz.

Set of six grand Cannas on this page for $3.00.

For other Cannas see page 131.

(Flowers one-third natural size.

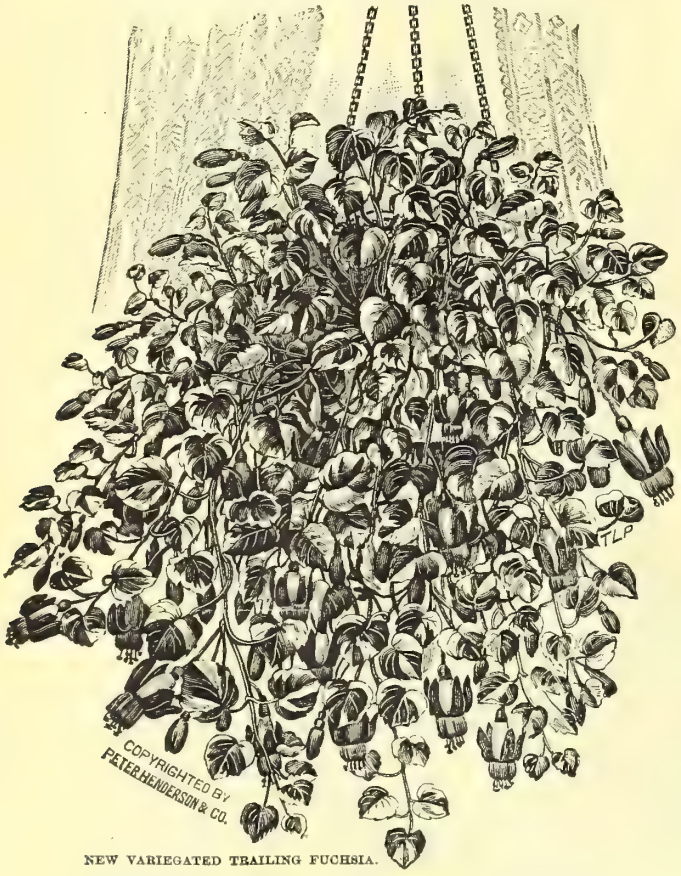
NEW VARIEGATED TRAILING FUCHSIA.

(FUCHSIA PROCUMBENS VARIEGATA.)

This is a beautiful addition to our list of trailing plants. The illustration is, of course, greatly reduced from the natural size, but is large enough to give an idea of its habit of growth, and its exceedingly graceful effect. The foliage and flowers are about four times as large as shown in the cut, so that the individual effect of leaves and flowers as seen on the plant itself is not what it should be. The leaves are prettily and irregularly variegated with creamy white and blush pink on a light green ground, and this variegation extends also to the flowers, the corollas of which are purple naturally. It is of very easy growth, easier in fact than the commonest Fuchsia, so every one can grow it. Grown in a hanging basket, the edge of a vase or window box, it will do splendidly and without doubt give great satisfaction, or it can be grown singly in pots like the ordinary Fuchsia. (*See cut.*)

Price, 25c. each; 5 for $1.00; 12 for $2.00.

For other varieties of Fuchsias, see page 138.



NEW VARIEGATED TRAILING FUCHSIA.

NEW VARIEGATED ENGLISH IVY.

The above sketch shows a small spray of this very rare and beautiful Ivy. The foliage is very prettily marked with pure white on a dark green ground; in some instances we have seen pure white leaves, but never one green one; it is, we think, the most reliable variegated plant we know. Its great value is as a pot plant in the window or for trailing from the edges of boxes or baskets. (*See cut.*)

Price, 1st size, 50c. each, $4.50 per dozen; 2d size, 25c. each, $2.25 per dozen. All good strong plants.

LOWER EXPRESS RATES.
See what we say on this important matter, page 103.

PELLIONIA PULCHRA.

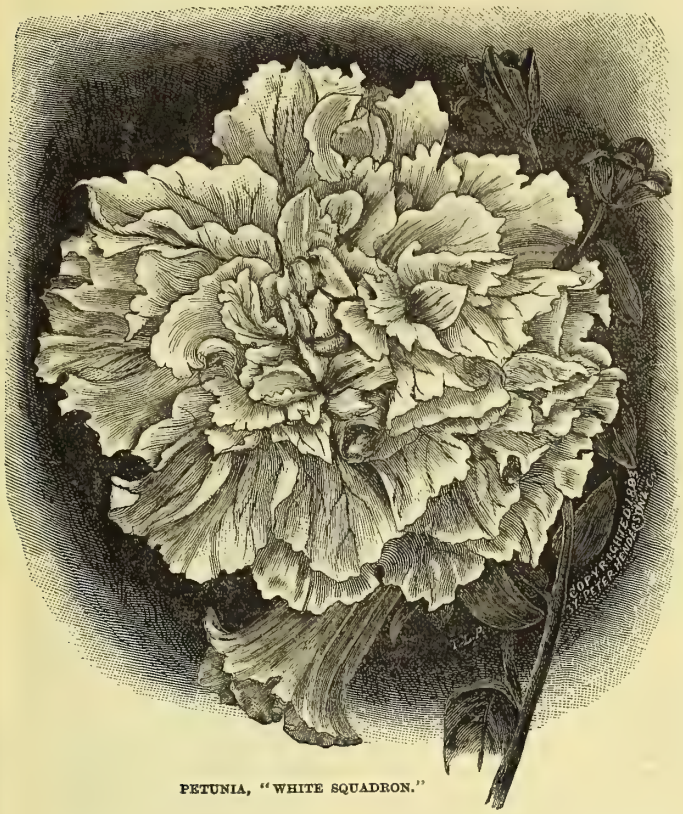
VARIEGATED CLIMBING NASTURTIUM.

There is no plant with which we are acquainted, so prettily and distinctly marked as this, or one which holds its variegation so well under all conditions. The foliage is green, irregularly marked with soft creamy white, the flowers are a bright orange scarlet, and the contrast between them is very striking. 25c. each, $2.25 per doz.

PELLIONIA PULCHRA.

A very pretty trailing plant of recent introduction. The leaves and stems are fleshy and velvety looking on the surface. The upper surface of the leaves is a dark violet color, almost black, relieved by a soft wine color and intersected throughout by small and large veins of silvery color; this makes a combination very rare, indeed, and charming as it is rare. The under surface of the leaves is a lighter shade of claret, and as the habit of the plant is such that the under surface of the leaves is sometimes exposed to view its great beauty is enhanced. This plant is of very free-growing habit and delights in heat, moisture and a light soil. (*See cut.*)

Price, 25c. each; 5 for $1.00; 12 for $2.00.



PETUNIA, "WHITE SQUADRON."

Gabriel. A soft shade of flesh white, rich violet at the base of the petals.
Harvey. Rich, deep violet; deeply fringed and edged with silvery white. One of the finest varieties in our grounds.
Infanta. Pearly white, tinted blush; base of petals rich claret.
Jura. Deep lavender, shading to pinkish lilac, liberally veined with rich violet.
Knight. Brilliant violet, purple throughout the body of the flower; the margin of the petals pearly white.
Marion. Pure white, broadly marked with light claret, very finely fringed; a distinct and beautiful variety.
White Squadron. (*See cut and description adjoining.*)

Price, 20c. each; set of 12 sorts for $2.00.

For other varieties of Petunias, see page 143.

Phrynium Variegatum.

In the engraving below we show a new plant which we believe is destined to take a prominent place among decorative plants for the house, and in sub-tropical bedding in the open ground in summer. Its growth is not unlike a Canna, strong and free, and the foliage is beautifully marked creamy white on a dark green ground; the white and green blend in some portions of the leaf, and the result is shades of sea green, moss green, etc., although the prevailing colors are white and dark green. It is of the easiest culture, will grow and make fine plants in the house, and lasts well under ordinary conditions. It is bright and cheerful in appearance, and shows well among palms and other decorative plants; in fact, no collection would be complete without it. It thrives best where there is plenty of air in free circulation, partial shade, a moderate amount of moisture, and a temperature of 60 to 65 degrees at night, and 10 to 15 degrees higher in daytime when the sun is shining.

Price, extra large plants from 6 in. pots, $2.00 each; smaller plants from 5 in. pots, $1.00 each; young plants, 35c. each.

New Double White Petunia,

"WHITE SQUADRON."

This splendid Petunia was raised from seed in 1891, and was selected from among the thousands we grew as being the best. We offered this last year for the first time, and sold large quantities of it to our most critical trade; from time to time during the summer we received flattering testimonials to its merits, and another season's trial confirmed our first appraisement of its great value. Unlike most others previously offered, this variety is of strong constitution, and is covered with its splendid flowers the whole season long. It was this fine quality which suggested its name, every plant being crowned with a squadron of pure white flowers. (*See cut.*) Price, 20c. each, $3.00 per doz.

Double Fringed Petunias,

IN VARIETY.

We devote much effort to the cultivation of the Double Petunia; we spare no pains or expense to obtain the best results, and as a consequence we succeed annually in raising a succession of fine varieties. It is difficult, almost impossible, to perpetuate through propagation by cuttings any of the colored sorts, as the second year the colors blend together and distinctiveness is lost, hence the necessity of constantly obtaining fresh varieties from seed. The varieties named below we selected from the vast numbers of seedlings we grew the past season. They are all beautifully fringed and exhibit every shade and marking found in Double Petunias. In speaking of these, we are often at a loss for fitting terms to describe the brilliant shades and bewildering combinations of color, so that if any discrepancy appears between the flowers and description, it will be the result of natural variation from the original, or a failure to describe accurately owing to the great diversity of shading.

Amanda. A very handsome variety, pure snow-white, lightly marked with rosy claret, fringed.
Brilliant. Somewhat similar to the above, clear pearly white with wine-colored veins and great blotches of purplish magenta, deeply fringed.
Circe. The body of the flower is deep claret, while toward the edges it becomes lighter and finally ends in clear white; a very double and finely fringed variety.
Eolus. A delicate shade of blush white, light violet in the centre, outer petals blush pink.
Fancy. A unique shade in Petunias, pinkish lavender, veined purplish magenta and crimson.

PHRYNIUM VARIEGATUM.

ON THE COLORED PLATE OPPOSITE

WE SHOW SIX FLOWERS OF

Henderson's Superb Double Hollyhocks

TYPES OF OUR WONDERFULLY IMPROVED STRAIN.

UNEXAMPLED FOR SIZE,

UNRIVALED FOR FORM,

UNEQUALED FOR COLOR.

THE grand strain of Hollyhocks, types of which are shown on the **Colored Plate opposite**, we have secured only after years of careful selection. We grow annually thousands of these and have for years selected those that show the most perfect form, largest size and purest color. From these carefully selected plants the varieties now offered have been produced, and the improvement has been so marked that the varieties of a few years ago could bear no comparison with them. The general tendency of the times toward picturesque gardening induced us to continue our labors on these until the present grand result was reached, and no better subject could be obtained than the Hollyhock. It is doubtful if any of our hardy plants are so well fitted by nature for use in so many directions. They are equally at home in the most modest garden or the most pretentious one; their majestic grace, their informal beauty, gives them a peculiar fitness for planting in flower gardens and borders; their massive beauty when planted in groups is unapproached by any other flowering plants; their striking appearance and gay colors, relieved by the rich green of their leaves, form an admirable background for any lawn picture. The season of bloom is so long that flowers may be had almost the entire summer, and nothing is more attractive in a large vase of cut flowers. In short, they combine every good quality of a garden flower. They are perfectly hardy and will grow and bloom in any ordinarily fertile soil and in all sections of the country.

We offer two grades of plants, but even the smaller size will give bloom the same season they are planted. We offer twelve varieties, but owing to want of space we only show six on the **Colored Plate.** Those not shown are in every respect equal to the others and are markedly distinct in colors. For the convenience of those who may want to obtain special sorts we number the varieties on the **Colored Plate.**

No. 1, **Deep Crimson.** No. 2, **Pink.** No. 3, **White.** No. 4, **Yellow.** No. 5, **Rich Salmon.** No. 6, **Deep Rose.**

Price, strong two-year-old plants, 40c.; set of six for $2.00. Young plants from pots, for this season's blooming, 20c. each; set of six for $1.00.

We also offer the following colors, fully equal to the above in every particular: **Lavender, Maroon, Blush, Light Apricot, White, with Violet centre; Purple.** Price, 20c. each.

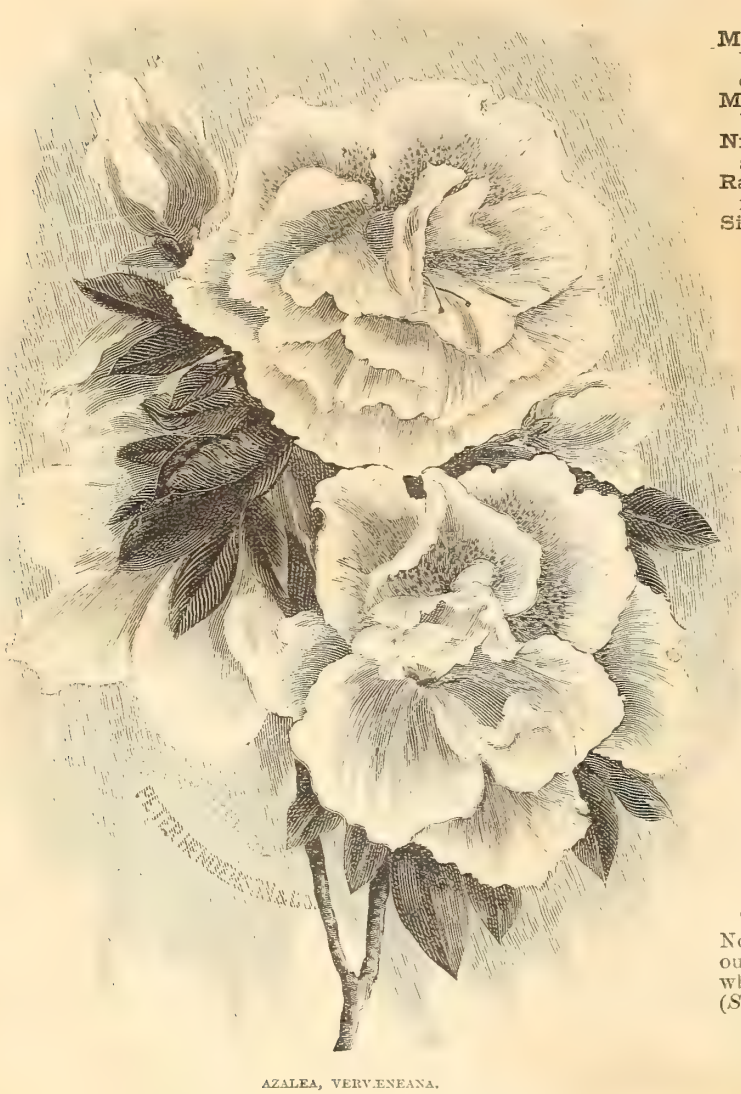
SPECIAL OFFER.—Set of twelve **Superb Double Hollyhocks,** young plants from pots for this season's blooming, for $1.50. We can also supply a good mixture of the above, strong two-year-old plants, 30c. each, $3.00 per doz.; young plants from pots for this season's blooming, $1.00 per doz., $8.00 per 100.

The Hardy Double English Violet.

This is a plant that needs no words of praise to introduce it to our customers. It speaks for itself. Here we have a Violet **entirely hardy, perfectly double, a deep violet color and most deliciously fragrant.** It surpasses the well-known "Marie Louise" Violet in richness of color, being many shades darker, and far excels it in its delightful odor; this is one of its greatest merits. It is entirely free from disease of any kind, will grow and bloom in any garden and in any situation. It is **entirely hardy** and can be left out in the open ground all winter. Nothing is more appropriate for cemetery plots than the **Hardy Double English Violet.** Thousands have been prevented hitherto from planting double violets, because the varieties offered were not hardy, but now this difficulty is overcome. (*See cut.*) Price, 1st size, large flowering clumps, 40c. each, $4.00 per doz. Young plants for this season's blooming, 20c. each, 6 for $1.00, 12 for $1.50.

HENDERSON'S SUPERB HOLLYHOCKS.

PETER HENDERSON & Co.
NEW YORK 1894.



AZALEA, VERVÆNEANA.

New Azalea, Vervæneana.

The magnificent Azalea shown in the engraving above we consider one of the finest and most showy varieties ever introduced. It is double, of exquisite form and substance, splendid habit, very free blooming, and one of the very best for forcing. The color is a beautiful rose, deeply edged with white and spotted slightly with rosy red on the lower part of the upper petals, the white being beautifully feathered with rose where the two colors join. Fine imported plants, 12 to 14 in. across, $1.50 each; 10 to 12 in., $1.00 each; 9 to 10 in., 75c. each. Young plants for this season's blooming, 30c. each, $3.00 per doz.

Double and Semi-Double Sorts.

A. Borsig. A pure double white, fine flower of good form and substance; an old variety, but always good.

Apollo. Large semi-double flower of exquisite form; sanguineous red; a very early flowering variety and recommended for its remarkable blooming.

Bernard Andrea Alba. Very fine double, pure white flower, very remarkable for its blooming; one of the best double white Azaleas.

Deutsche Perle. A very fine double, pure white flower of best form and great substance; very good for forcing.

Docteur De Moor. Intense rose, with violet reflections; very large double flower; a color which pleases every one.

Empereur de Bresil. Fine, large, round, double flower, edged with white; exquisite form, very showy.

Francois de Vos. A fine double flower of exquisite form; clear red; a very good old variety.

Imperatrice des Indes. Fine, large double rose flower, edged with white, marked on the upper petals with glossy red; a fine variety.

Double and Semi-Double Sorts—*Continued.*

Mme. Camille van Langenhove. A variety that follows Mme. Van der Cruyssen in qualities for commerce; also a first-class double white Azalea, finely striped and stained with red.

Mme. Van der Cruyssen. Very large semi-double flower; bright rose; the best Azalea in this color.

Niobe. Fine double white flower of extra substance and form; specially recommended for its abundant flowering.

Raphael. Double pure white flower of good form; good for forcing and cutting.

Simon Madner. A very large double flower of Camellia form and great substance; intense rose; valuable for its abundant blooming and easy forcing.

Vervæneana. (*See cut and description adjoining.*)

Single Varieties.

Apollon. Very large single white flower, sparingly lined with red; a fine market variety.

Comte de Chambord. Bright pink, very large flower, lined and stained with crimson, largely bordered with creamy white; a very fine market variety.

Eug. Mazel. Flower salmon rose, upper lobes violet; good form; an abundant bloomer.

Mme. de Grevy. A large single flower of flesh color, the centre spotted with crimson and edged with white; a fine market Azalea.

Roi d'Hollande. A fine single variety; sanguineous red, spotted with black; a good old red Azalea of good form.

Sigismond Rucker. Flower lilac rose, strongly netted and bordered with white, sparingly blotched with bright crimson.

Versicolor. A very fine single white variety, largely striped and stained with deep red; an abundant bloomer.

Fine plants (imported), 12 to 14 in. across, $1.50 each; 10 to 12 in., $1.00 each; 9 to 10 in., 75c. each.

Special Offer.—Set of 21 Double and Single Azaleas, first size, $27.50; second size, $18.00; third size, $12.50.

Anthemis Coronaria fl. pl.

(Double Golden Marguerite.)

The engraving gives a fair idea of this most beautiful plant. Nothing could be more showy, either as a pot plant or bedded out. It is a perfect mass of rich golden yellow flowers the whole year round, being equally useful in winter as in summer. (*See cut.*) Price, 20 cts. each, 4 for 75 cts., 12 for $2.00.

ANTHEMIS CORONARIA FL. PL.

SINGLE WHITE TUBEROUS BEGONIA.

TUBEROUS BEGONIAS.

ALL SELECTED BULBS.

These are now the most popular plants for beds of summer flowers, or as pot plants for the greenhouse, conservatory or sitting-room. Our bulbs are all sound, well matured and of good size. For a time it was generally supposed that these could not be grown in the open air with success, but extensive plantings of them in various sections of the country have demonstrated their adaptability for this purpose. Nothing can exceed the brilliancy of their colors, the delicacy of their tints, the richness of their waxy flowers, the gorgeousness of their effect in masses, or their graceful appearance in beds or borders. From the time the first blossom appears until all growth is stopped by frost, they are never out of bloom, and such blooms, great waxy flowers from three to five inches across, borne in such profusion that the rich glossy green foliage is almost hidden under the wealth of blossoms. A bunch of these on the table in a room will remain perfect a long time and brighten it up as no other flowers will. They should be planted about one foot apart each way, and on the approach of cold weather they should be taken up and the bulbs stored away in a warm place until the spring, when they may be started in pots before planting in the garden.

Begonia, Flowering.

Plants adapting themselves to a variety of uses; are used for planting in the garden for summer decoration, or as pot plants for cut flowers in winter. They are largely used in the construction of bouquets, etc., by florists.

Rubra. Dark coral color; splendid.

Scandens. A useful trailing variety.

Metallica. Crimson and maroon foliage.

Ingramii. Rose color.

Hybrida Multiflora. Rosy pink flowers.

Price, 15 cts. each, $1.50 per doz.

Begonia, Rex. Valuable for the grand and varied markings of the leaves. Our collection is unexcelled. Price, 20 cts. each, $2.00 per doz.

ABUTILON, "GOLDEN BELLS."

Single Flowered Tuberous Begonias,

In Separate Colors for Bedding.

Bright Scarlet	20c.	each,	$2.00	per doz.
Splendid Yellow	20c.	"	2.00	"
Deep Crimson	20c.	"	2.00	"
Pure White	20c.	"	2.00	"
Rich Pink	20c.	"	2.00	"
Orange Salmon	20c.	"	2.00	"

Any of the above colors at $12.00 per 100.

ALL COLORS MIXED. (*Selected Bulbs.*) $1.50 per doz., $10.00 per 100.

Double Tuberous Begonias.

In separate colors. *Scarlet, Rose, White, Yellow*, 50c. each, $4.50 per doz.

ALL COLORS MIXED. 40c. each, $4.00 per doz., $25.00 per 100.

ABUTILONS,

ASSORTED.

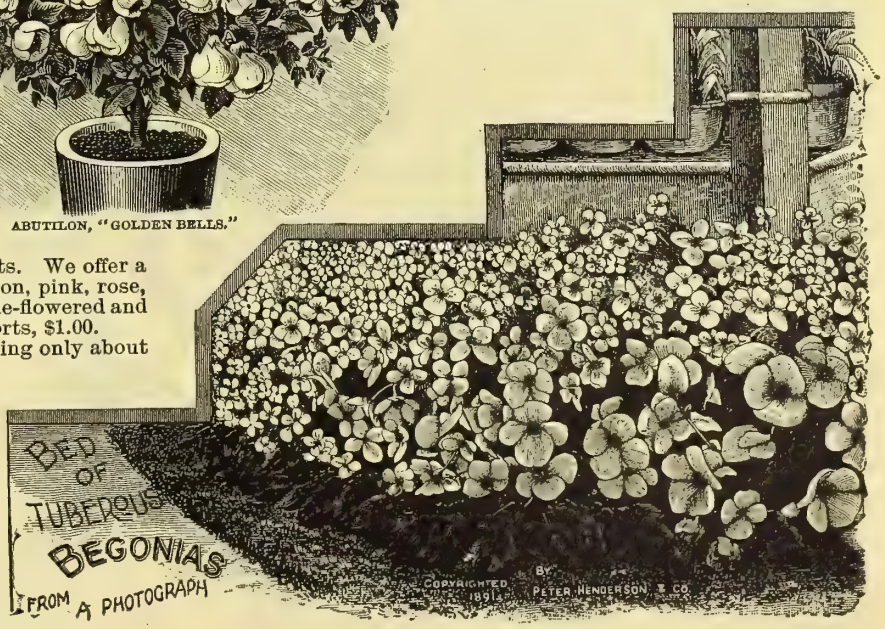
Golden Bells, shown in the engraving above, is a type of these fine plants. We offer a collection of 12 sorts, embracing white, crimson, pink, rose, yellow, orange, variegated, etc. Also the double-flowered and trailing sorts. Price, 10 cts. each; set of 12 sorts, $1.00.

Dwarf Abutilons, distinct from the above, growing only about 18 inches high: **Calypso,** white; **L'Africain,** dark crimson; **Sauglant,** deep red. 20 cts. each; set of three for 50 cts.

SWEET ALYSSUM.

"**Double Tom Thumb.**" This variety has the same dwarf habit as the single, but its trusses are much longer and the florets double. Price, 10 cts. each, $1.00 per doz., $6.00 per 100.

We can also furnish *Single Tom Thumb, Variegated* and *Sweet Alyssum* at same price.



TOM THUMB CALLA, "LITTLE GEM."

BEDDING PLANTS.

The below-named are all well-known tested varieties of the leading plants that are used for "carpet bedding," "massing," "ribbon line" planting or general bedding. We grow immense quantities of this class of stock, and we are in a position to execute the largest orders in a prompt, satisfactory manner, and at the lowest rates. Parties desiring large quantities will do well to write us, and we will make special prices.

	Per 100
Alternanthera. Red	$6.00
" Yellow	6.00
Ageratum. Best white and blue	4.00
Caladium Esculentum. Large foliage, $12.00, $25.00 and	50.00
Cannas. Light and dark foliage	8.00
Cannas, New French	10.00
Centaurea (Dusty Miller)	4.00
Coleus. Crimson, yellow, red, black, etc.	5.00
Geraniums. Double and single, all colors.	8.00
Geranium, Mt. of Snow. Silver leaved.	8.00
Geraniums. Bronze leaved.	8.00
Golden Feather	$3.00
Hollyhocks. (See page 128.)	8.00
Lobelias. Best dwarf; blue	4.00
Pansies. Finest mixed	4.00
Petunias. Finest double	10.00
" " single	5.00
Roses. Bedding varieties. (See p. 111.)	8.00
Salvias. "Scarlet Sage."	6.00
Tuberous Begonias. Selected bulbs	10.00
Variegated Ice Plant	4.00
Verbenas. Red, white, blue, etc	4.00

FANCY COLEUS.

Our stock of Fancy Coleus is unsurpassed; many of the finest varieties in cultivation originated with us, and we aim to keep only such varieties as will give satisfactory results. 12 distinct varieties. Price, 10 cts. each, $1.00 per doz., $6.00 per 100. For varieties specially adapted to bedding in larger quantities, see Bedding Plants above.

TOM THUMB CALLA LILY.

"Little Gem." This improved variety rarely exceeds 12 inches in height and blooms most abundantly. The flowers are not more than half the size of the common variety, and therefore can be used with telling effect in bouquets. It is in every way superior as a house plant to the larger growing variety. Price, strong plants from pots, 30c. each, $3.00 per doz.; extra strong plants, 75c. each. (*See cut.*)

TRUE BLACK CALLA LILY.

Aurum Sanctum. A rare species from the Holy Land. The flowers have a strong *violet-like odor*, are a deep velvety purplish maroon—*almost black*—on the upper side, and moss-green underneath. From the centre of the flower springs a spike of the most intense glossy black. Price, 50c. each for strong plants started in pots.

YELLOW CALLA LILY.

Richardia Hastata. This fine variety is light yellow, with rich purple in the throat of the flower, and is one of the most attractive of the species. Price, $1.50 each.

WHITE CALLA LILY.

Lily of the Nile. Pure white, large, splendid flower. 30c. each, $3.00 per dozen.

SPOTTED LEAF CALLA.

Richardia Alba Maculata. This plant is always ornamental, even when not in flower, the dark green leaves being beautifully spotted with white; the flowers are white with a purple throat. Price, 30c. each, $3.00 per doz.

Special Offer.—We will supply the set of five grand Calla Lilies offered above for $2.50.

FANCY CALADIUMS.

Large quantities of these are now used for summer and fall decoration. They are easily grown, thriving in pots or boxes in the house or shaded situations out-of-doors. The bulbs should be dried off in October and kept in a warm, dry place during the winter. They should be started into growth about May 1st. Price, 30c. each; set of 12 finest varieties for $3.00.

CAMELLIA, DOUBLE WHITE.

COBEA SCANDENS.

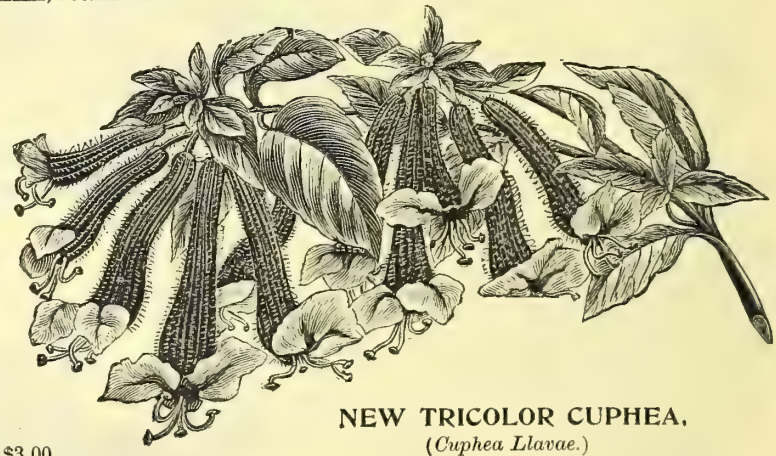
A rapid growing vine, bearing large bell-shaped flowers, deep blue; will grow twenty feet and over in one season. Price, 20c. each, $2.00 per doz.

CROTONS. (Assorted.)

Gorgeously colored foliage plants, suitable for sub-tropical bedding, and now largely used for that purpose. We offer a fine collection. Price, 50c. each, $4.50 per doz.

CAMELLIA JAPONICA.

We offer splendid plants of the above, bushy, well-grown specimens, 2½ to 3 ft., full of buds; it is seldom that such fine plants of these are offered for sale. The varieties are the best that could be obtained from the most celebrated growers of Europe. They embrace Double White, Double Pink and Double Red. Price, 1st size (in bud), $2.00 each; set of three for $5.00; 2d size, 1½ to 2 ft., $1.25 each; set of three for $3.00.



NEW TRICOLOR CUPHEA.

(*Cuphea Llavae.*)

One of the most remarkable flowering plants within the range of our knowledge, combining as it does *three distinct colors* in each flower, *scarlet*, *purple* and *white*. The flowers are tubular in shape, one and one-half to two inches long, and have two bright scarlet wings at the end of each flower; the tip of the flower is bright purple; the stamens are pure white. It grows into a bushy plant about fifteen inches high, and makes an elegant appearance when potted or in the open ground. Price, 15c. each, $1.50 per doz.

Lower Express Rates.

During the past summer we succeeded in obtaining from the express companies a lower rating on **plants.** Heretofore they have been carried at the regular merchandise rate, but now they will be taken at a **special rate,** which is **twenty per cent.** less than merchandise rate; with this reduction in view we urge express shipments more strongly than ever.

J. Cardioux. Flowers brilliant cardinal red.
Louis Chretien. Clear yellow, splashed with orange.
Madame Just. The lower part of the petals is flame color, the upper part golden amber.
Mme. de Liabaud. A grand variety. Deep carmine.
Tonkin. Golden yellow, lower petals flamed scarlet.
Ulrich Brunner. Flowers orange red, lower petals striped yellow.
Victor Hugo. Deep orange red flowers, foliage dark purplish crimson. Price, strong roots, 20c. each, $2.00 per doz. Our selection of sorts for massing at $10.00 per 100.

For new sorts, see page 123.

General Collection

FRENCH CANNAS.

Antoine Crozy. Deep crimson.
Admiral Courbet. Light yellow, speckled with orange.
Edouard Andre. Dark foliage, deep carmine flowers.
Emile Leclerc. Golden yellow, mottled crimson.
Flamboyant. Crimson lake.
G. Couston. Light yellow, mottled orange.
Geoffrey St. Hilliare. A grand variety. Large flowers of a deep orange shade; very large flower spike; foliage chocolate color.
Hippolyte Flandrin. One of the best sorts we offer. Color a rich deep salmon, very showy.
Price, 20c. each, $2.00 per doz.

STANDARD SORTS.

Ehemani. Entirely distinct from all other Cannas, rich green, tropical foliage; crimson flowers produced in masses. 15c. each, $1.50 per dozen.
Assorted. All the leading varieties, light and dark foliage, including **Marechal Vaillainte**, very dark foliage; **Discolor Violacea**, large, dark foliage marked bronze green; **Brenningsii**, foliage green and creamy white (also known as "Milky Way"); **Compacta**, deep green foliage; **Zebrina Nana**, dwarf growing, dark foliage. 15c. each, $1.50 per dozen, $8.00 per 100.

Ever-blooming French Cannas.

CHILDSII (No. 3 in above cut). Bright yellow, mottled crimson red.
Capt. P. de Suzzoni. A tall-growing variety, deep yellow, lightly spotted with red, so that the general effect at a distance is yellow. As a companion to A. Bouvier (*see page* 123) it is excellent; large flower and fine green foliage. Price, 50c. each, $4.50 per dozen.
Doyen J. Sisley. Dark chocolate-colored foliage, flowers orange scarlet.
Egandale. A fine dark-foliaged variety, with flowers of a soft currant red, very distinct and striking in appearance. Price, 50c. each, $4.50 per dozen.
FRANCOISE CROZY (No. 2 in above cut). The color is a unique shade of apricot, *bordered with bright yellow.*
Horace Choisel. Deep rich magenta; strong, compact grower; a very fine variety.
Ingenieur Alphaud. Dark purplish foliage, deep carmine-red flowers; a very fine variety.
J. D. Cabos. Another dark-foliaged variety, with flowers of very rich orange, tinged with apricot. As a contrasting variety in foliage and flower it is unsurpassed. Price, 50c. each, $4.50 per dozen.
M. Laforcade. Bright, orange-scarlet flowers, coffee-colored foliage; dwarf, compact grower; very fine.
MAD. CROZY (No. 1 in above cut). See special description and cut, page 123.
Pres. Hardy. Deep orange, mottled with rich chrome yellow; a unique and pretty variety.
Pres. Carnot. A majestic variety with dark chocolate foliage; flowers deep scarlet, large and beautifully rounded.
Star of 1891. A dwarf-growing, very free-flowering variety, excellent for pot culture; bright orange-scarlet, sometimes edged with yellow.
TROCADERO (No. 4 in above cut). A grand sort in flower and foliage. The blooms are a deep crimson lake of the richest shade, and are borne in wonderful profusion. *Twenty-seven* separate heads of flowers were counted on a single plant in our grounds. Price for any of the above, except where noted, 30c. each, $3.00 per doz.
NEW YELLOW CANNA—Nellie Bowden. A *clear golden yellow;* the color is rich in the extreme; in growth it is the peer of any; the flower stems are strong and branching, holding the clusters of bloom erect and well above the foliage. Where a mass of yellow is wanted it is invaluable. (*See cut.*) Price, 30c. each, $3.00 per doz.

(Flowers one-third natural size.)

New Carnations.

Below we offer the "cream" of the new varieties.

Bouton d'Or. This is an ideal yellow Carnation. Beautiful, deep canary yellow, slightly bordered and feathered with carmine; the flowers never burst the calyx, and after a three years' trial we are convinced that it far surpasses all yellow varieties previously introduced; in fact, it is the only really healthy, vigorous variety in its color, and the only one that can be profitably grown. It is an early and continuous bloomer, and its keeping qualities are remarkable, excelling all varieties in this respect. Flowers 3 in. across. 40c. each, $4.00 per doz.

Edna Craig. A beautiful pink of largest size with broad heavy fringed petals, stems long and stiff, never bursts, is an all-seasons bloomer, and has never shown a sign of disease.

Mad. Diaz Albertini. Free blooming for the whole season; stem very strong; calyx peculiar cup-shape, the points bracing against the petals, making it very strong. Flower very large, centre round and full; color, a delicate flesh pink, with a very strong clove fragrance; has excellent keeping qualities.

Pearl. White; very large, frequently from 3 to 3½ inches across; full and crisp; occasionally a rosy blush; a good bloomer, with rarely any tendency to burst.

Puritan. White; large, very full and of good substance, lasting, if well grown, a long time after being cut; quite fragrant and an early and continuous bloomer.

Thomas Cartledge. A pure shade of carmine pink, slightly deeper than Tidal Wave, and in every way more desirable than that variety, being quick to come in bloom; stems long and erect, flowers full in centre, of fine form, fragrant and productive; an unusually attractive plant and flower.

Wm. Scott. Flowers large and non-bursting, of a deep Grace Wilder pink, a little irregular but not to any disadvantage, it helps to overcome the sameness and stiffness which is so often objectionable in a bunch; stems long, of good strength.

Price for any of the above, except where noted, 25c. each; set of 7 new sorts for $1.75.

LIZZIE McGOWAN. (Flowers about half natural size.)

CARNATION, GRACE DARLING.

New Pink Carnation, Grace Darling.

The illustration above gives a good idea of the form and general appearance of this excellent Carnation, but it cannot, of course, show the beautiful color, which is a pure pink throughout, except a slightly silvery shade on the edges of the petals. The centre of the flower and deep down between the petals the color is richer—a luminous pink. The growth of the plant is strong, compact and vigorous; it is wonderfully free blooming, and in every way a very fine Carnation. Price, plants from pots, 15c. each, $1.50 per doz.

Purple Carnation, Lady Rachel.

Deep rich purple, a color rare among Carnations. The variety is equally strong growing, large in flower, and fragrant as the other sorts. 25c. each, $2.50 per doz.

White Carnation, Lizzie McGowan.

A splendid white variety as yet unsurpassed for size, form, constitution and habit. It is very free blooming, carrying its flowers on long, splendid stems; richly fragrant. (*See cut.*) Price, plants from pots, 15c. each, $1.50 per doz.

SPECIAL LOW OFFER OF CARNATIONS.

For $1.00 we will send free by mail **Ten Fine Varieties**, all named, **our selection only.** We are enabled to do this only when the selection is left to us. If wanted by express, *buyer to pay charges*, we can usually send larger and finer plants, and will leave all the soil on the roots.

TEN FINE CARNATIONS FOR $1.00.

"Malmaison" Carnation.

The cut shows exact size of single flower.

The above cut shows a single flower of this wonderful Carnation, which for the past few years has been the most fashionable flower for the button-hole, corsage bouquets, table decoration, etc., in London. Thousands are grown for that market and-nually and are in such demand that the *cut flowers* frequently sell at the rate of $5.00 per dozen wholesale. It is unequaled for size, measuring *four* inches across, and is a beautiful shade of blush, similar to the Malmaison Rose. Visitors abroad have marveled much about this wonderful Carnation, and we have had numerous inquiries for plants from customers in every section of the country. To satisfy this demand we have imported a fine lot of young plants for this season from the leading London grower. The fragrance of the "*Malmaison*" is exquisite, being the most delicious of all Carnations. Price, strong, imported plants, 50c. each, $4 50 per doz.

NOTE.—We can also supply **dark pink Malmaison** at same price.

"DAYBREAK" CARNATION.

Too much cannot be said in praise of this grand Carnation. The color is exquisite, a charming shade of flesh pink. It was this delicate shade which suggested its name of "Daybreak," because of the similarity to the first faint tinge of pink seen in the eastern sky at sunrise. "Daybreak" became so popular among flower lovers that the blooms readily sold for more than any other variety in the New York market the past season. The growth of the plant is vigorous and healthy, and the flowers possess the Carnation fragrance in a marked degree. Price, 20c. each, $2.00 per doz.

CARNATIONS—in Variety.

The great improvement made in this grand race the past few years has directed popular attention to them, until now they are perhaps exceeded by the Rose alone in the number annually grown for cut flowers. Our collection contains only sorts of approved merit, and our plants are in the finest possible condition.

American Flag. The best striped carnation as yet introduced.

Buttercup. Although not new, yet conceded by experts to be the best *yellow* on the market.

Chester Pride. Pure white, delicately striped and penciled with scarlet, a splendid variety and very attractive.

Fred. Creighton. Beautiful pink, a strong growing and very free flowering variety, one of the most valuable sorts we offer.

Ferd. Mangold. Rich crimson, free growing, fragrant and excellent in every way.

Fred. Dorner. A giant among carnations. The flowers are frequently over 3 inches across, color deep glowing red.

Grace Wilder. The pink carnation *par excellence.* Thousands of this variety are grown for the New York market in preference to other sorts of more recent introduction claimed to be superior to it.

Hector. A king amongst scarlets, large flowers, splendid habit.

Hinze's White. Pure white, one of the best known varieties for winter flowers.

J. J. Harrison. White, lightly marked with delicate pink. One of the favorite varieties in the New York flower market.

Portia. Brilliant scarlet. In richness of color, profusion of bloom, vigor and growth, and every essential of a first-class carnation, this variety stands unequaled.

President Garfield. Deep red, fine large flowers of great substance. A very good variety.

Silver Spray. Pure white, fine substance, so that it is finely adapted for shipping.

Shaffer's Seedling. Beautiful deep carmine pink, one of the best sorts in its color. Price for any of the carnations offered, strong plants from pots, 15c. each, $1.50 per doz.

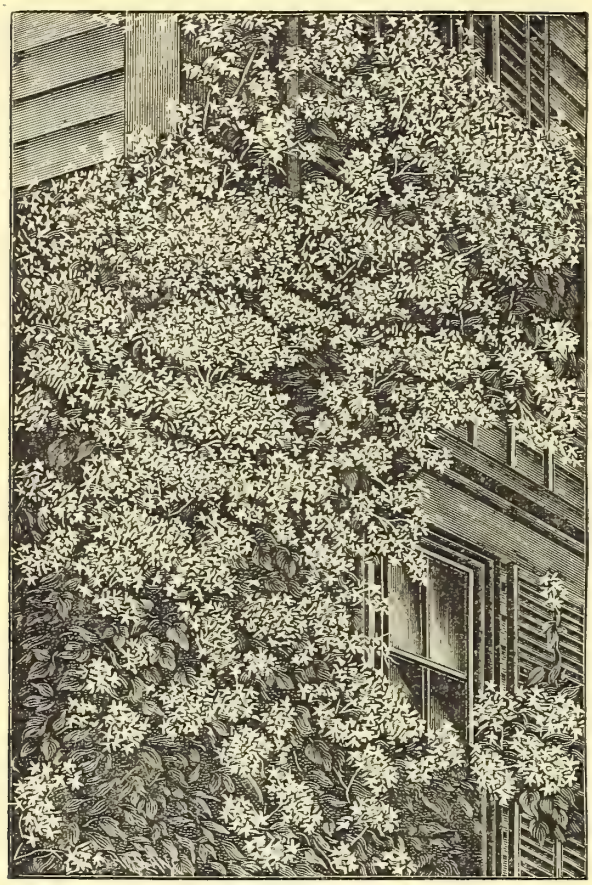
HARDY GARDEN CARNATIONS.

Every color known in Carnations is represented—white, crimson, scarlet, orange, maroon, yellow, striped, speckled, etc.; but although all these colors and numerous shades not mentioned are to be found in them, yet having been grown from mixed seed we cannot supply any special color. Price, 15c. each, $1.50 per doz., $10.00 per 100. Strong healthy plants.

CLIVIA (IMANTOPHYLLUM) MINIATUM.

An exceedingly ornamental plant for greenhouse or conservatory; it flowers during the spring and summer months, remaining in bloom for a long period. The flowers, about 2 inches long, are borne in clusters of from ten to twenty; color a fine red orange, shading to buff; large, fine plants. Price, $1.50 each.

CARNATION, "DAYBREAK."



CLEMATIS PANICULATA.

CLEMATIS PANICULATA.

One of the most beautiful of our hardy-flowering vines. The flowers are pure white, and are borne in great panicles or clusters of bloom, fairly covering the plant, so that it is a mass or sheet of fleecy white. These clusters are borne on long slender stems, which stand out boldly from between the glossy green leaves, and the gentlest breeze causes wavy crests of white to flow gently over their surface. The fragrance is delicious, resembling the English hawthorn blossoms, and is so subtile and penetrating that a large plant in bloom will fill the air with fragrance. It begins to bloom late in August or early in September, at a time when most other hardy climbers are out of bloom, an inestimable advantage. It is a strong, rapid grower, quickly reaching a height of from 15 to 20 feet, and spreading out when trained to wires or strings. It is perfectly hardy in all sections of the country, and we can unhesitatingly say that it is, in our opinion, the most valuable among hardy climbing vines. (*See cut.*) Price, 30 cts. each, $3.00 per doz.

CLEMATIS.

LARGE FLOWERING.

The Clematis is *entirely hardy*, blooming during the entire season, embracing a great variety of color, of the most beautiful tints of blue, purple, lavender, scarlet, white, etc.; double and single—some of the flowers being six inches in diameter. They are all climbers, and, if trained carefully, attain a height of from five to fifteen feet in one season.

CLEMATIS JACKMANII.

The best known and most valued variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. It is the variety shown in the engraving, which gives a fair idea of this superb Clematis. (*See cut.*)

1st size, 75 cts. each, $7.50 per dozen.
2d " 60 " 6.00 "

CLEMATIS HENRYII.

A pure white, large-flowering variety, of fine form, and recognized as by far the finest of the single white sorts. It is a much stronger grower than most of the other varieties, and is *entirely hardy.* Excellent for cemeteries, or wherever a hardy climber is desired.

Large, strong plants, 75 cts. each, $7.50 per dozen.
2d size..... 60 " 6.00 "

CLEMATIS LUCIE LEMOINE.

This variety is distinct from the above in form, it being perfectly double, like a rosette. It is sweetly fragrant, and equally hardy and vigorous with the others. No collection is complete without it.

Price, 1st size, large plants, 75 cts. each, $7.50 per dozen.
" 2d " ..... 60 " 6.00 "

CLEMATIS, LARGE FLOWERING, ASSORTED.

In addition to those mentioned above, we can supply **double blue, single blue, lilac, lavender** and many intermediate shades, all strong plants. Price, 75 cts. each, $7.50 per dozen.

CLEMATIS COCCINEA.

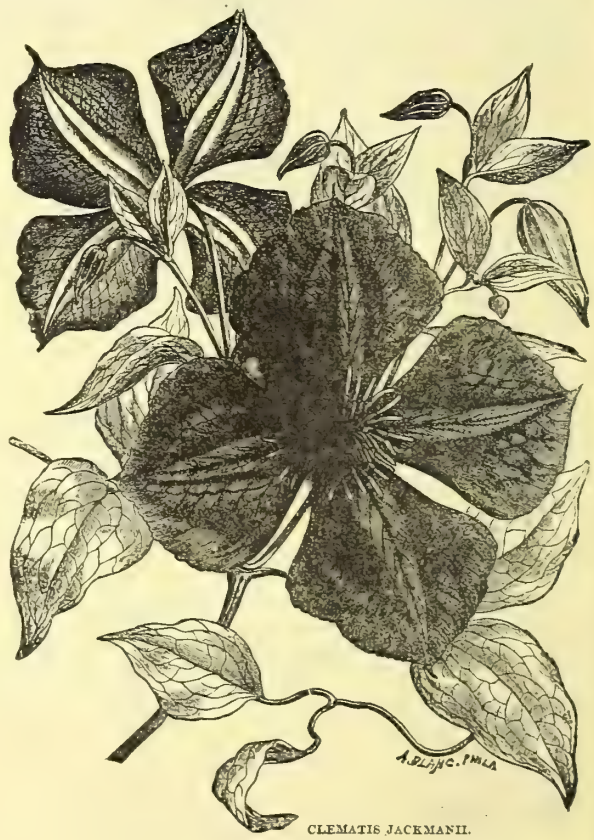
Bright vermilion scarlet has been a color hitherto unknown in Clematis, but in this sort we have that color which, when placed in contrast with the blue, purple and white kinds, has a most striking effect. The form of the flowers is different from the others preceding; they are about 1½ in. long, 1 in. thick at the base, round and tapering to ½ in. at the neck. The petals, four in number, are curved back so as to reveal the yellow interior of the flowers. It is equally hardy as the other well-known sorts. 25 cts. each, $2.25 per dozen.

CLEMATIS CRISPA.

Although a native of the Southern States, it is entirely hardy. Like all the other Clematis, it is a rapid climber and profuse bloomer. The flowers are bell-shaped, purplish blue, and emit a rich fragrance. Price, 25 cts. each, $2.25 per dozen.

CLEMATIS FLAMMULA.

"*Fragrant Virgin's Bower.*" This is an old and well-known species, entirely distinct from the above; flowers pure white, deliciously fragrant. The plants attain a height of twenty feet, and, when trained on trellis work and in full bloom, look like a mass of snow. The odor is perceptible at a distance of 200 yards. Hardy. 25 cts. each, $2.25 per dozen.



CLEMATIS JACKMANII.

DAHLIAS.

We will supply *pot-grown roots*, except where noted, up to about April 15th; after that the plants sent out will be from pots in a growing state. We reserve the right to send either, according to the state of our stock at the time the order is filled.

SPLENDID "CACTUS" DAHLIAS.

The title of "Cactus" was applied to the first of these "Juarezii" in recognition of the brilliant scarlet color and unique form of its flowers. Since its introduction this class has been wonderfully improved, and the collection we offer contains the finest varieties of this splendid type.

A. W. Tait. Pure white, very double; the tips of the petals deeply toothed or fringed.

Cochineal. Richest crimson scarlet, toned with a brownish shade.

Glare of the Garden. Intense scarlet; very free flowering; a grand variety.

Lyndhurst. Dark, dazzling crimson scarlet; a showy and useful variety.

Mrs. Hawkins. Rich sulphur yellow, shading to light canary toward tips; a beautiful variety, one of the most interesting in this fine class.

Wm. Pearce. Rich, sulphur yellow.

Price, 25c. each; set of six splendid Cactus Dahlias, $1.25.

CACTUS DAHLIA, "BLACK PRINCE."

This is one of the finest "Cactus" Dahlias yet sent out. The flowers are rich maroon, of velvety texture; the color is so intense as to be almost black. The size of the individual flowers is something marvelous, being about twice as large as the ordinary kinds. The style of the flower is loose and free from that rigidity so objectionable in others; the florets are large, broad and rounded at the points. In habit the plant is dwarf and sturdy, but branching freely; the blooms are held well above the foliage; taken all in all, it may well be considered the finest acquisition of the year. (*See cut.*) Price, 40c. each, $4.00 per dozen.

Grand New Dahlia,

"MAID OF KENT."

One of the grandest Dahlias ever introduced. The above illustration represents the form, but it cannot show the grand and unique coloring of the flower. The ground color is a rich crimson, overlaid with intense cherry red; the tips of the petals are a pure snow-white; the contrast is startling, yet pleasing, and commands admiration at first sight. Like all plants bearing parti-colored flowers, this sometimes produces blooms differing from the above, and herein lies one of its charms, for frequently many different flowers may be seen on the same plant. (*See cut.*) Price, 30c. each, $3.00 per dozen.

Nymphæa. A beautiful variety of the "Cactus" type, broad petals, delicate pink, shading to blush at the centre. A very pretty variety. Plants ready April 1st, 25c. each, $2.25 per dozen.

Beauty of Brentwood. Another grand new variety of an entirely distinct color among Dahlias. It is difficult to describe, but may be classed as a purple magenta of a pronounced shade, very deep and rich. Price, 25c. each, $2.25 per dozen.

Mrs. J. Douglas. A distinct and beautiful variety; the color is a unique shade of pinkish salmon, different from any other. It belongs to the new Cactus type of Dahlia, and is considered one of the best. Price, 25c. each, $2.25 per dozen.

Flowers ½ natural size.
No. 1. La Phare.
No. 2. Oriole. No. 3. Vesta.
(See Large Double Dahlias, below.)

SINGLE DAHLIAS.

The flowers vary from 3 to 5 inches *across*, composed of eight petals, and are borne on long graceful stems in the greatest profusion.

Butterfly. A beautiful shade of pink.
Ballot. Deep carmine, large and showy.
Crichton. A rich shade of velvety maroon.
Corsage. Intensely bright scarlet.
Mandolina. Brilliant, rich red; very fine.
Cynthia. Bronzy salmon; a distinct variety.
Moonstone. Large light canary yellow.
Mulberry. Deep reddish violet.
Old Gold. A rich shade of golden yellow.
Picta Formosissima. Striped red and white.
Vicarage. Brilliant vermilion, large and showy.
White Queen. Pure white; a splendid variety.

Price, 15c. each; set of 12 beautiful Single Dahlias for $1.50.

NEW CUT LEAVED SINGLE DAHLIAS.

Ami Barillet. A new single Dahlia, bearing deep scarlet crimson flowers very rich in color. The great value of it is its deep purplish maroon graceful foliage; this renders it very attractive and makes it valuable for bedding as a contrast to lighter-leaved plants. As a border for a bed of French Cannas it is admirable. Price, 30c. each, $3.00 per doz.

Contraste. Deep crimson, yellow centre, cut leaved.
Deuil de Depute Thiers. Rich velvety maroon, deep yellow at base of petals, cut leaved.
Laciniata Purpurea. Rich purplish maroon, shaded crimson, yellow disk, cut leaved.
Lucien Chauve. Rich mauve with brownish shades, deep red ring at base of flower, cut leaved.
Mme. Ed. Millaud. Magenta rose, large white centre, cut leaved.
Mme. Coquet. Rich maroon, deep yellow centre, cut leaved.

Price, 25c. each; set of seven for $1.50.

SPECIAL OFFER.—The unrivaled collection of 55 Dahlias named on this page for $7.00.

"CAMELLIAFLORA."

In the variety shown in the engraving below we offer the finest Dahlia of its color as yet introduced. Not only is it among the best for the garden, but when grown in large pots it may be had in flower during fall and winter in the conservatory or window garden. The plants grow to a uniform height of about two and a half feet, and are literally covered with its pure snow-white flowers during the entire season. *(See cut.)* Price, 20 cts. each, $2.00 per doz.

DOUBLE DAHLIA, CAMELLIAFLORA. (Two-thirds natural size.)

LARGE DOUBLE DAHLIAS.

(GENERAL COLLECTION.)

In this collection we offer the varieties which bear large globular flowers.

Boabdil. Large blood red.
Mrs. Burgess. Purplish maroon.
Dandy. White, speckled carmine.
Ethel. Dark, lustrous carmine.
Flora. Bright magenta pink.
Hector. Cherry red.
La Phare. Brilliant scarlet.
Martha. Orange, tipped scarlet.
Oriole. Rich golden yellow.
Ovid. Rich royal purple.
Topsy. Light yellow, tinted lilac.
Vesta. Pure white; very fine.

Price, 15 cts. each; set 12 for $1.50.

TWELVE BEST DOUBLE DWARF DAHLIAS.

These differ from the **Large** varieties in being more dwarf in growth, with smaller flowers and added profusion of bloom.

Amorette. Deep crimson.
Black Dwarf. Maroon.
Ben Butler. Crimson maroon.
Bredowillard. Golden yellow.
Dr. Stein. Crimson and pink.
Exquisite. Orange, scarlet edge.
Golden Bedder. Golden yellow.
Little Valentine. Rich scarlet.
Mary. Scarlet.
Laura. Magenta pink.
German Boy. Salmon red.
Snowflake. Pure white.

Price 15 cts. each; set 12, $1.50.

TWELVE GRAND DOUBLE DAHLIAS.

Camelliaflora. Pure white, very dwarf and free. *(See cut.)*
Emperor. Deep crimson, variegated with pure white.
Electric. A dazzling crimson scarlet of the Cactus type.
Floral Beauty. Large perfectly shaped flowers of a rich salmon-pink shade.
James Walton. Deep maroon; large, splendid flowers.
Memorandum. A distinct shade of light pink.
Meteor. Brilliant deep red; perfect form.
Mercedes. A grand variety; silvery white at the base of the petals, gradually merging into a rosy lilac.
Mrs. Wilson. Deep yellow, each petal tipped bronze.
Maroon Beauty. Purplish maroon.
Sunset. Deep bronzy red, shading to rich golden yellow at the base of the petals.
Vesuvius. Light, dazzling scarlet.

Price, 20 cts. each; set of 12 Grand Dahlias for $2.00.

DAISY, "SNOWFLAKE."

DAISY, "SNOWFLAKE."

In the engraving above we show this most useful plant. Growing only from six to eight inches in height and covered during the entire season with its large, pure white flowers, its value as a border plant or for cemetery decoration can be easily appreciated. Price, 15 cts. each, $1.50 per dozen.

ENGLISH DAISIES. (BELLIS.)

Pretty, low-growing plants, bearing a wealth of pink, white and red blossoms; blooming in early spring, they are valuable for their contrast to Pansies and other spring flowers. 10 cts. each, $1.00 per dozen.

DOUBLE PINK DAISY, "LONGFELLOW."

Large double rose-colored flowers, and a splendid companion to the two sorts described above. Price, 10 cts. each, $1.00 per doz.

YELLOW PARIS DAISY. (New Branching.)

A new, strong-growing and branching variety of this very useful plant. It will be welcomed on account of its vigorous habit and golden-yellow flowers. May be had in bloom all winter. Price, 15 cts. each, $1.50 per doz.

WHITE PARIS DAISY.

The true "Marguerite" of the Paris markets; large, pure white flowers. 15 cts. each, $1.50 per doz.

FARFUGIUM (Ligularia) GRANDE.

A very ornamental plant with broad, shiny, dark green foliage, which is irregularly blotched with bright yellow and occasionally with white and rose. As a border plant it has few equals; it is not entirely hardy in the Northern States, and so should be taken into the house in the winter. 30 cts. each, $3.00 per doz.

GREVILLEA ROBUSTA.

"THE SILK OAK."

A magnificent plant for decorative purposes, of rapid, easy growth, finely cut foliage, rivaling a rare Fern. The young growing leaves are a light bronze color, the tips being covered with a soft down, closely resembling *raw silk*, hence the name of "*Silk Oak.*" In its native place it attains magnificent proportions and produces an abundance of bright orange-colored flowers. Price, fine plants, 50 cts. each; young plants, 25 cts. each, $2.25 per doz.

IVY (GERMAN).

Well known as "Parlor Ivy" and highly esteemed for its free, vigorous growth. Price, 10 cts. each, $1.00 per doz.

English Ivy. See page 147. Price, 25 cts. and 50 cts. each.

ERYTHRINA HENDERSONII.

New Coral Plant. If set out in the open ground in spring, this plant blooms without intermission all summer. The flowers are large and brilliant, dark crimson in color, and fairly cover the plant when in full bloom. 15 cts. each, $1.50 per dozen.

ERANTHEMUM MARGINATUM.

A very pretty foliage plant, with deep green leaves, heavily margined with spotless white. As a pot plant for decorative purposes it has many advantages, being of a strong, thrifty habit, and very ornamental in foliage. Price, 25 cts. each, $2.25 per dozen.

CLIMBING FERN.

(*LYGODIUM.*)

A very pretty and useful species, rapid growing and very easy of cultivation. 15c. each, $1.50 per dozen.

EULALIA ZEBRINA.

EULALIA GRASSES. (HARDY.)

These are attractive ornaments for the lawn or hardy border. The inflorescence is curled like an ostrich plume and makes a very pretty ornament in a vase when dried, lasting for years.

Gracillima. Foliage very narrow and of a beautiful green color, midrib silvery white.

Eulalia Zebrina (Zebra Grass). Unlike all other variegated plants, this has its striping or marking *across* the leaf instead of longitudinally. (*See cut.*)

Eulalia Japonica Var. Leaves striped white and green longitudinally. 1st size, 30 cts. each, $3.00 per doz.; 2d size, 15 cts. each, $1.50 per doz.

FEVERFEW (DWARF).

Little Gem. This variety, which we first sent out, is very dwarf, attaining a height only from 12 to 18 inches. The flowers are large, of perfect form, and of the purest white. 15 cts. each, $1.50 per dozen.

IMPATIENS. (SULTAN'S BALSAM.)

Very pretty plants for summer, producing flowers in wonderful profusion.

I. Sultana. Rosy scarlet, very brilliant. Price, 15 cts. each, $1.50 per dozen.

I. Sultana Var. Similar to above, with variegated leaves. Price, 25 cts. each, $2.25 per doz.

I. Lucy. Light mauve colored flowers. Price, 15 cts. each, $1.50 per dozen.

HOUSE FERNS.

Our collection contains the choicest of the "Maiden-hair" varieties and best basket and vase sorts. They are of the easiest culture, and nothing adds more grace and beauty to a home than a few handsome ferns. 30 cts. each; set of 12 sorts for $3.00.

FERN ASPARAGUS.

A. Plumosus Nanus. The leaves are a bright green, are gracefully arched, and are as finely woven as the finest silken mesh, surpassing Maiden-hair Ferns in grace, fineness of texture and richness of color. Price, strong plants, 50 cts. each, $4.50 per dozen.

A. Tenuissimus. Very fine, filmy foliage. A handsome climbing plant for the window, and a very useful pot plant. Price, 15 cts. each, $1.50 per dozen.

DAVALLIA BULLATA.

(*HARE'S-FOOT FERN.*)

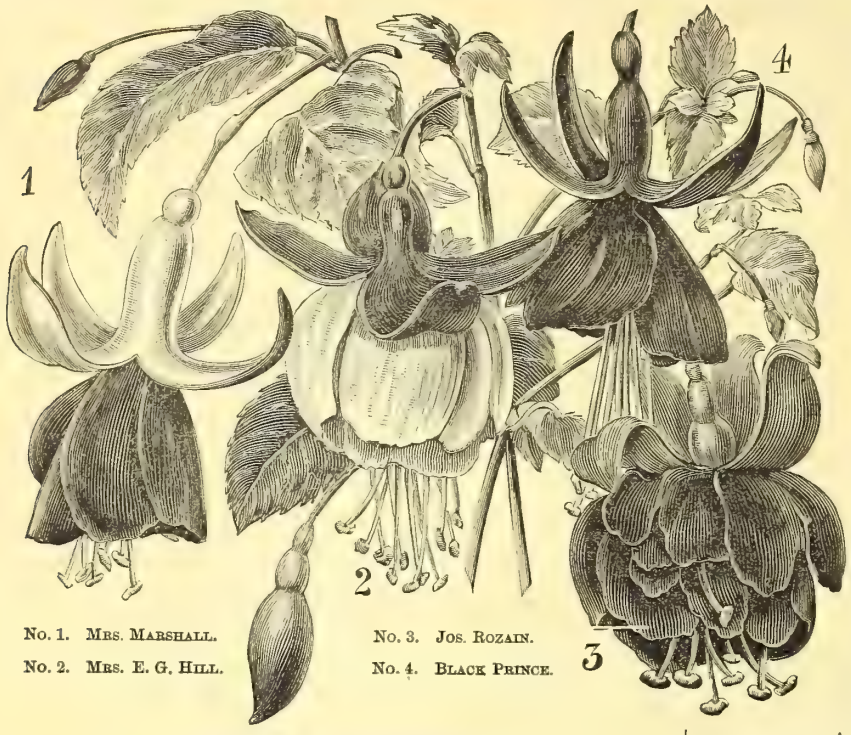
We offer this grand variety prepared in globe shape ready for hanging up. In a short time they develop leaves and make grand ornaments through the season, suspended on the piazza or in a window. Price, $1.00 each.

SWORD FERN.

(*NEPHROLEPSIS EXALTATA.*)

In well-grown specimens the fronds attain a length of six or seven feet, but only one to three inches wide, and like plumes arching over in every direction, in a most graceful manner. This beautiful Fern is excellent for outside planting in shady borders. It is a very fine plant for hanging pots or baskets on the piazza in summer and conservatory or window in winter. Our cut conveys but a very poor idea of its gracefulness and beauty. Price, 25 cts. each, $2.25 per dozen.

SWORD FERN.



No. 1. Mrs. Marshall.
No. 2. Mrs. E. G. Hill.
No. 3. Jos. Rozain.
No. 4. Black Prince.

NEW SINGLE GERANIUMS.

Aurellien Scholl. Violet rose marked with white,
Benjamin Constant. The most brilliant scarlet.
Correvon. Reddish apricot color, centre orange scarlet.
Daybreak. Beautiful bright flesh color, the same as seen in Carnation "Daybreak."
Docteur Clenet. Color brilliant capucine scarlet; plant of perfect habit.
Jeanne d'Arc. Bright scarlet, edged and feathered white. An improvement on "Souv. de Mirande."
Price, 20 cts. each; set of 6 for $1.00.

NEW DOUBLE GERANIUMS.

Acteon. This variety is certainly one of the best yet sent out and is an excellent bedder. Color most brilliant scarlet, upper petals tinted rose lilac, double.
Comtesse de Preissac. Semi-double, very large trusses of large well-formed florets; plant dwarf and very free; very distinct in color, lively flesh color veined and shaded lilac.
Ernesto Bach. Cherry red, upper petals marked scarlet.
Ernest Reyer. A rich rose color; a strong grower, free bloomer and a good variety in every respect.
Ingenieur Parlier. Very large umbels, florets of immense size; currant color shaded violet; upper petals orange red.
La Fondre. Another excellent variety; deep, bright, rich scarlet.
M. de Fortanier. Large trusses, large round florets, currant red shaded violet, centre marked orange.
Mme. Chantrier. Plant short-jointed and free, enormous sized trusses of fine form, red with solferino shadings. A magnificent variety and one of the best of the year.
Saint-Saens. Clear red bordered salmon, very large trusses.
Theocrite. Enormous trusses, splendid habit; white beautifully marked and shaded bright rose.
Theodore de Banville. A good grower and free bloomer with large well-formed florets borne in large trusses; pure yellowish scarlet.
Wm. Kelway. Enormous trusses of fiery scarlet.
Price, 20 cts. each; set of 12 New Double Geraniums for $2.00.

DOUBLE FUCHSIAS.

MRS. E. G. HILL. Flowers very large and freely produced; corolla pure white and double; sepals dark red. A fine variety. (*See cut.*)
Abbe Garnier. Lilac corolla; dark scarlet sepals.
Cervantes. Deep prune corolla; crimson sepals.
Elm City. Purple corolla; scarlet sepals.
Pres. Carnot. Deep mauve corolla; crimson sepals.
JOS. ROZAIN. Double; dark plum color. (*See cut.*)
Molesworth. Double; white corolla; crimson sepals; a fine variety.
Prince Napoleon. Deep plum color; full and double.
Rozains Patrie. White corolla; rosy carmine sepals; double.
Snow Cloud. White corolla; crimson sepals.
Storm King. Corolla pure white; very free.
Trophee. Sepals clear red; corolla double; dark violet blue.
Price, 10 cts. each; set of 12 best Double Fuchsias, $1.00.

SINGLE FUCHSIAS.

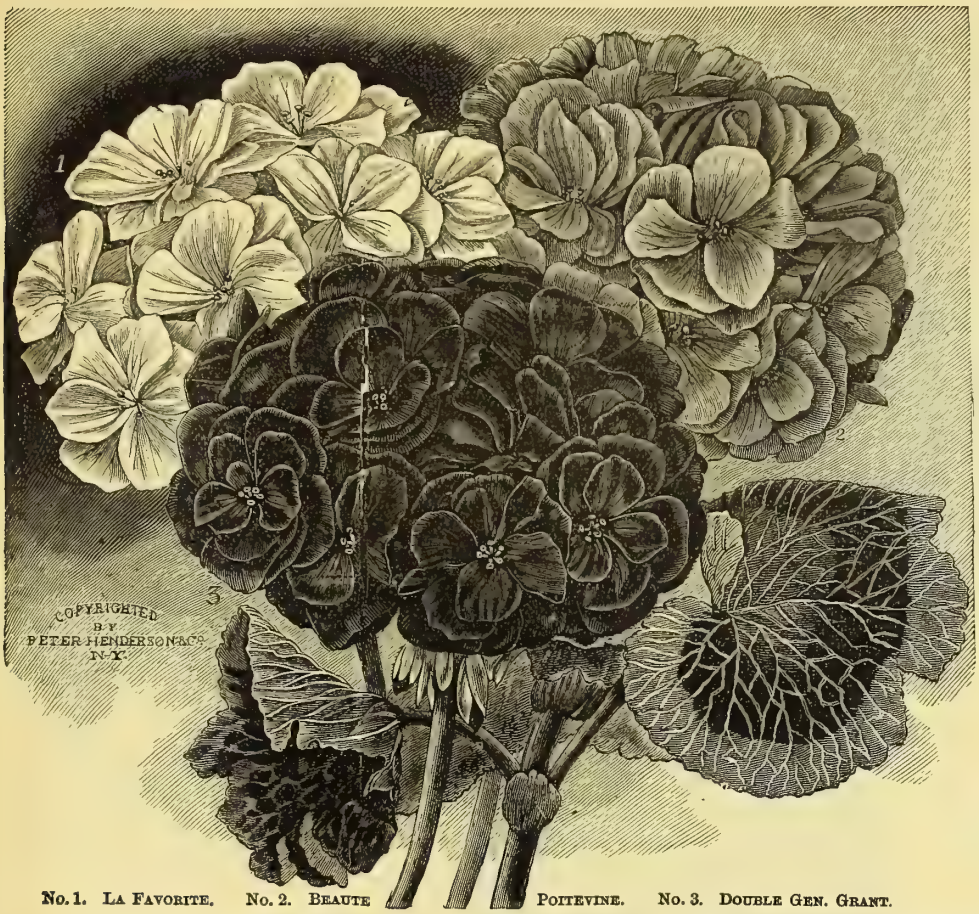
Annie Earle. Carmine corolla; waxy white sepals.
Benjamin Pearson. Crimson and purple corolla; sepals rosy red.
BLACK PRINCE. Tube and sepals waxy carmine. (*See cut.*)
Beacon. Corolla a deep carmine; sepals scarlet.
Constancy. Corolla single, rich carmine; sepals white; flowers large; a very beautiful variety.
Dr. Topinard. Sepals large cerise red; large open single corolla pure white marked rose.
Earl of Beaconsfield. Deep orange corolla; extra large flowers.
Ernest Renan. Corolla carmine; sepals white.
Little Alice. White corolla; scarlet sepals.
Inimitable. Violet corolla; crimson sepals.
Lottie. Tube cream; sepals tender rose; corolla bright carmine.
MRS. MARSHALL. Corolla carmine; sepals white. (*See cut.*)
Oriflamme. Prune-colored corolla; crimson sepals.
Speciosa. Corolla orange scarlet; sepals white.
Price, 10 cts. each; set of 14 Single Fuchsias for $1.25.
SPECIAL OFFER.—Complete collection of 26 Fuchsias for $2.00.

SCARLET IVY GERANIUM,

Roi de Wurtemberg.

White and shades of pink were the only colors to be found in this useful class for a long time, but with the advent of this fine variety we have secured a rich dazzling scarlet. The trusses and individual florets are as large as the finest among the bedding Geraniums. Very useful for baskets, vases, window-boxes, etc. (*See cut.*)
Price, 20 cts. each, $2.00 per doz.
For other Double Ivy Geraniums, see next page.

IVY GERANIUM, ROI DE WURTEMBERG.



No. 1. La Favorite. No. 2. Beaute Poitevine. No. 3. Double Gen. Grant.

STANDARD SORTS

Double Geraniums.

Bruanti. Deep scarlet; free flowering.
BEAUTE POITEVINE. Very large semi-double flowers, borne in immense trusses, brilliant salmon. *(See cut.)*
Catulle Mendes. Florets very large, purplish rose; upper petals marked with white.
Centaure. Brilliant rose; enormous truss.
DOUBLE GEN. GRANT. Brilliant scarlet. *(See cut.)*
Gloire de France. Bright salmon.
Golden Dawn. Brilliant orange scarlet.
Grand Chancellor. Deep crimson.
Gustave Wideman. Rich deep salmon.
Gerome. Immense sized trusses; flowers double, dark violet rose of a beautiful tint.
LA FAVORITE. Pure white. *(See cut.)*
Le Cid. Brilliant crimson red.
Md. Dupont. Rosette-formed flowers, deep scarlet.
Naomi. Dark pink; fine bedder.
President Carnot. Brilliant, deep scarlet.
President Dutailly. Dark amaranth, bordered maroon.
Re Umberto. Orange scarlet, yellow tone.
White Swan. Pure white; a grand variety.
Price, 10c. each; set of 18 standard sorts for $1.50.

STANDARD SORTS

Single Geraniums.

Apple Blossom. Pearly white suffused with delicate rose, a dainty color.
Arc-en-ciel. Rich violet crimson.
Beauty. Salmon and white.
Gen. Grant. The finest scarlet bedder.
Jules Ferry. Deep brilliant carmine crimson, trusses and florets of enormous size.
Lillian Smith. Bright red; dwarf, compact habit.
Master Christine. Bright deep pink.
Miss Wakefield. Bright pink, one of the best for bedding purposes.
Md. La Comtesse de Pot. Salmon-flesh color, bordered with white; a fine bedding variety.
New Life. Striped scarlet and white.
Queen of the Belgians. Purest white, large truss and very free flowering.
Queen of the West. Rich scarlet, dwarf compact habit, fine bedder.
Richard Dean. Very bright scarlet.
Richesse. Bright salmon and clear white.
Price, 10c. each; set of 14 for $1.25.

Double Ivy-leaved Geraniums.

These are the grandest of all house plants, or for baskets or vases in the open air; they can be grown to droop or climb as desired.

Bastien Lepage. Rosy mauve, upper petals veined with purple.
Cæsare Costa. Deep currant red; a grand variety.
Camille Flammarion. Deep rose color, large full cup-shaped flowers.
Eden Marchii. Beautiful salmon pink.
Gallilee. Beautiful clear rose, slightly marked a deeper shade at base of upper petals.
Joan of Arc. The flowers are perfectly double, white as snow, and literally cover the plant when in full bloom.
La Rosiere. Immense trusses of large well-formed flowers, salmon pink.
Mme. Thibaut. Very rich, deep rose.
P. Crozy. Brilliant scarlet; a new departure in this class.
Souvenir de Chas. Turner. Deep pink, feathered maroon on the upper petals, individual florets 2½ to 3 inches across, and trusses 6 to 8 inches.
Price, 15c. each; set of 11 for $1.50.
For new variety, see page 138.

Newer Double Geraniums.

The collection named below was selected from the many we had on trial the past season, and may be depended on to give satisfaction.

Baron de Schleinitz. Light salmon.
Bonnat. A grand deep rosy pink.
C. Galy. Deep violet rose.
De Lacepede. Beautiful light pink.
Dr. Audiguier. Rich salmon color.
La Victoire. A grand white.
Les Huguenots. Lavender pink.
M. Caro. Soft shade of lilac pink.
M. Jovis. Salmon, edged pink.
Mme. A. de Cheveliere. White.
Mme. Thibaud. Deep satin rose.
Mons. P. Olmber. Rich vermilion.
Mrs. E. G. Hill. A charming variety, soft rosy salmon.
Paul Arene. Pure white.
Ruy Blas. Rich, bright salmon.
Saint Regamonte. Rosy carmine.
Silver Queen. Clear pearly white, a splendid bedding variety.
Tour Eiffel. Bright orange scarlet.
Price, 15c. each; set of 18 fine newer varieties for $2.25.

Newer Single Geraniums.

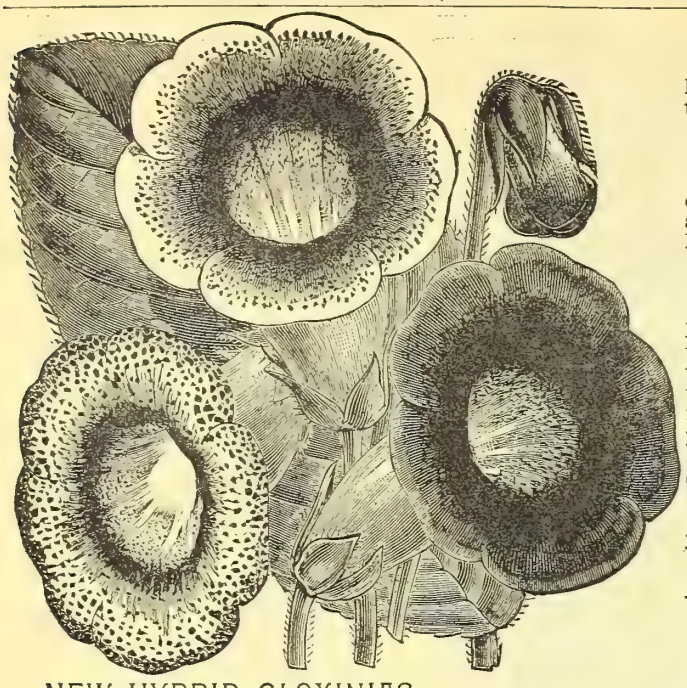
Athlete. Deep glowing scarlet.
Beauty of Ramsgate. Deep crimson.
Blazing Star. As indicated in the name, this is a brilliant scarlet.
Champion. Carmine crimson.
Copernic. Soft rosy pink, shading to carmine, white centre.
Coquetterie. Bright cherry pink, a very pretty and attractive color.
Ernst Bergman. Intense scarlet.
Glory of Lyons. Single florets *over two inches across*, color rich crimson scarlet.
M. Andreujol. A grand scarlet sort, excellent for pots or bedding.
M. Poirrer. Rich violet carmine.
Marguerite Lyer. Pure snow-white.
Mlle. E. Caillelet. Rosy pink, white centre.
Mlle. Straub. Very fine salmon-colored blossoms, large truss.
Mme. Legros Lacaille. Bright orange scarlet, unique, attractive.
Mme. Reydellet. Beautiful rich salmon, extra large truss and flower.
Mrs. Wildsmith. Rich clear rose.
Panache de Nancy. Light orange scarlet, striped white, very distinct.
Souvenir de Mirande. The upper petals are crystal white margined with rosy carmine. The lower are a deep coral color with a blotch of pure white in the centre.
Trophee. Light lavender pink.
Price, 15c. each; set of 19 newer single varieties for $2.50.

Silver and Bronze Geraniums.

These Geraniums make beautiful pot plants; they are also of great value for planting in ornamental bedding. Price, 10c. each, $1.00 per dozen.

Scented Geraniums.

Our collection contains Rose, Variegated Rose, Nutmeg, Mint, Shrubland Pet, Oak Leaved, Apple, Skeleton, Pennyroyal, etc.
Price, 10c. each; set of 12 sorts, $1.00.
Variegated Ivy Geranium, L'Elegante. A free growing variety; beautifully variegated foliage; flowers large, single, white. 15c. each; $1.50 per doz.



NEW HYBRID GLOXINIAS.

The handsomest of our summer-blooming plants, the rich and varied coloring of the flowers being beautiful in the extreme, many of them beautifully speckled; flowers three inches long by two inches in diameter; upright and pendulous; colors crimson, violet, rose, scarlet, white, etc. They attain the greatest perfection if grown in light, rich soil in a shady, well-ventilated frame. After they are done growing, they may be kept in a warm, dry cellar, or under the stage of a greenhouse. (*See cut.*) Price, *mixed colors only*, 30 cts. each, $3.00 per doz.

GENISTA RACEMOSA.

This plant, although not new, has become very fashionable in New York. Few plants are more deserving of popular esteem. The flowers are pure golden yellow, and literally cover the plant when full grown. Price, 20 cts. each, $2.00 per doz. Large plants, 15 to 20 inches high and branched, 75c. each.

GLECHOMA HEDERACEA VAR. (HARDY.)

Prettily marked with pure white on a bright green ground. It is hardy and of vigorous growth; the leaves have a *refreshing fragrance* similar to mint. It is one of our most useful plants for drooping from hanging baskets, vases, fancy pots, etc., etc. It is largely used in cemeteries to cover graves, as it is entirely hardy. Price, 15 cts. each, $1.50 per doz.

NEW HIBISCUS, "CRIMSON EYE."

This elegant Hibiscus, after many years of careful selection, has become entirely distinct. It is a robust grower, with dark red stems and foliage. The flowers are immense in size, often measuring *twenty inches in circumference.* The color is of the purest white, with a large spot of deep velvety crimson in the centre of each flower. It is a striking combination of color and one that must be seen to be fully appreciated. A well-developed plant will produce several hundred of these flowers in a season. It will succeed anywhere and is perfectly hardy, blooming the first year in the open ground. It is of the easiest culture, thriving in all places and during seasons when most other plants would perish. It makes a compact bush four to six feet high in one year. (*See cut.*)

Price, extra strong bushes, 50 cts. each, $4.50 per doz. Young vigorous bushes for this season's blooming, 30 cts. each, $3.00 per doz.

HELIOTROPES—IN VARIETY.

Indispensable for bouquets and vases of flowers; their rich tints of lavender, blue and purple, and exquisite vanilla perfume are familiar to all. Price, 10 cts. each, $1.00 per doz.

HIBISCUS (CHINESE).

These are largely used in the public grounds at Washington and other places for bedding purposes, and of late years have attracted a great deal of attention; they are almost continually in bloom. Price, 20 cts. each; set of 12 sorts for $2.00.

HYDRANGEAS.

The most useful and ornamental flowering plants perhaps in our list. When grown in large pots or tubs for the lawn the effect of their great heads of flowers is striking. They are hardy with protection of leaves or litter in the open ground, and if grown in pots, they can be kept in a cool cellar until spring. In soils containing iron some of the varieties assume charming shades of blue.

Paniculata Grandiflora. The shrub Hydrangea. See page 147. Price, 15 cts., 25 cts., 50 cts. or $1.00 each, according to size.

Otaksa. Rosy carmine flowers. It has the rare quality of blooming when very small, plants 6 inches high being frequently covered with flowers. Price, 25 cts. and 50 cts., according to size.

Hortensia. The old favorite variety; pink flowers, changing to blue in soils containing iron. Price, 20 cts. and 40 cts. each, according to size.

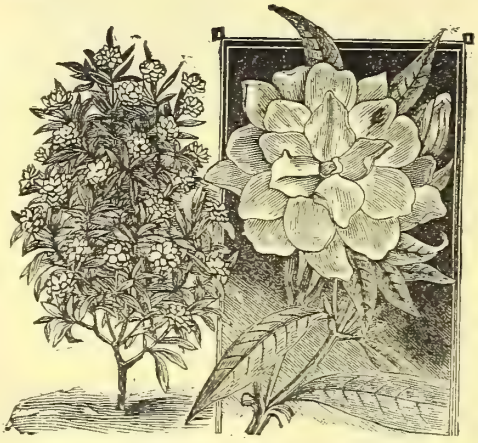
White Fringed Hydrangea. The flowers are of the purest white, fringed, having a crimson spot in the centre. Plants attain a diameter and height of from 3 to 4 feet. Price, 20 cts. and 40 cts. each, according to size.

CAPE JESSAMINE.

Gardenia Florida. This grand variety is shown in the adjoining cut, which is far from doing it justice. It is invaluable on account of its sweetly fragrant flowers. Double white flowers; the most valuable of all Jessamines; large glossy foliage. Price, 50 cts. each, $4.50 per doz. (large plants); 2d size, 30 cts. each, $3.00 per doz. (*See cut.*)

J. Grandiflorum (*Star Jessamine*). Pure white, single flowers. Price, 15 cts. each, $1.50 per doz.

J. Revolutum. Bright yellow. Price, 15 cts. each, $1.50 per doz.



CAPE JESSAMINE (Gardenia Florida).

LOWER EXPRESS RATES. During the past summer we succeeded in obtaining from the express companies a lower rating on **plants.** Heretofore they have been carried at the regular merchandise rate, but now they will be taken at a **special rate,** which is **twenty per cent.** less than merchandise rate; with this reduction in view we urge express shipments more strongly than ever.

HIBISCUS, "CRIMSON EYE."

For other climbing plants, see next page.

For general list of hardy climbing plants, see page 147.

HARDY MOON FLOWER.

Ipomœa Pandurata. This splendid hardy climbing plant will grow rapidly, covering up a great amount of space in one season, and will live in the ground over winter in our Northern latitude. The foliage is large and handsome, giving a dense shade. The flowers are truly magnificent, measuring from 3½ to 6 inches *across*, pure white, shading to pink and purple in the throat. Unlike the tender **Moon Flower**, this species opens flowers during the *day-time* and remains open *all day*, which makes it doubly valuable. Price, 15 cts. each, $1.50 per doz.

THE MOON FLOWER.

Ipomœa (or Calonyction) Grandiflora.

If planted out in rich ground about May 15th, in a situation where it has full exposure to the sun, this plant will attain a height of 40 feet by October 15th, blooming abundantly the entire season. It is called "Moon Flower" from its rare peculiarity of blooming best at night, although it also expands its flowers in dull days; the flowers are of pure white, from 5 to 6 inches in diameter, emitting a rich Jessamine-like odor at night. 15 cts. each, $1.50 per doz.

MANETTIA CORDIFOLIA.

THE HARDY CHINESE MATRIMONY VINE

(*Lycium Chinense*)

Is a most vigorous hardy climbing plant when trained to an arbor, fastened to a fence, attached to a tree, to the side of a house, the pillars of a piazza or in any location where a hardy vigorous climber is desired. It sends out numerous side branches, so that it covers a great amount of space in a short time, and every new growth is at once covered with bright purple flowers, which are succeeded by brilliant scarlet berries nearly an inch long, every branch being loaded with them; the contrast between the glossy, dark green foliage and shining scarlet fruit is extremely beautiful. It continues flowering and new berries are forming from late spring until frost. The berries ripen in early autumn and remain on the vine late into the winter. It will grow and thrive in any situation, either shade or bright sunlight, and will take root in any soil; in fact, nature has given it all the essentials for wide popularity. (*See cut.*)

Price, 1st size, extra strong 2-year-old plants, 40 cts. each, $4.00 per doz.

Young plants (which will bloom and fruit abundantly this year), 20c. each, $2.00 per doz.

CHINESE MATRIMONY VINE (about one-third natural size).

MANETTIA CORDIFOLIA.

One of the most showy and attractive summer flowering vines, and entirely distinct from the well-known Manettia Vine.

It is of rapid growth, with deep glossy green foliage and a wonderful profusion of crimson-scarlet tubular flowers, one and a half inches long. These are borne on longer stems than the ordinary Manettia, and when trained on a trellis, as shown in the illustration, all the flowers grow outward, so that the whole surface is a mass of glowing crimson-scarlet of a most pleasing shade, and of sharp contrast to the foliage. Owing to the length of the stems and graceful form of the flowers, the slightest breeze gives them a graceful, wavy motion which adds wonderfully to their attractiveness.

As a summer climber, in a position where a graceful vine is required, it has no equal, beginning to flower early in the summer and continuing one mass of bloom until cut down by a very severe frost. The plants in our grounds at this writing, November 1st, are still one mass of bloom and have not been affected by the frosts that cut down all other soft-wooded plants. (*See cut.*)

Price, 15c. each, $1.50 per dozen, strong plants for this season's blooming.

Manettia Bicolor. A very pretty, rapid-growing twining plant, producing tubular flowers over an inch in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow. Given strings or wires to cling to, it will attain to a height of from 6 to 10 feet in one season.

Price, 15c. each, $1.50 per dozen.

SPECIAL OFFER. The two Manettias for 25 cents.

OTAHEITE ORANGE.

A dwarf Orange, which bears a profusion of fragrant flowers and edible fruit. One of the most effective plants for the house. Those we offer are strong plants, which will flower and bear fruit the coming season. Price, extra large, $1.50 each; second size, 50c. each.

HERBACEOUS PHLOXES. (Hardy.)

Most valuable hardy plants for partially shaded borders or shrubbery; there are numerous varieties.

White Lady. The variety shown in the engraving is pure white, and probably the best in its color. (*See cut.*) Price, 15c. each, $1.50 per doz.

Ball of Fire (*Boule de Feu*). One of the finest of the red varieties, and a brilliant contrast to the above. Price, 15c. each, $1.50 per doz.

HARDY PHLOXES. (Assorted.)

In addition to the above, we can supply a fine assortment of different colors, pink, rosy red, white with pink centre, etc., etc. Price, 15c. each, $1.50 per doz.

PHLOX DRUMMONDII. *(Ready May 1st.)*

One of the most popular of our summer-blooming plants, and very extensively used for beds of flowers, for vases and hanging baskets. They flower incessantly, and are truly marvelous in their varied colors. 10c. each, $1.00 per doz., $6.00 per 100.

PHLOX AMŒNA. (Hardy.)

Unsurpassed for spring flowers, the foliage being hidden under a profusion of bright pink flowers. 20c. each, $2.00 per doz.

PHLOX SUBULATA. (Hardy.)

("*Moss Pinks.*")

A low-growing species, clinging closely to the ground and forming a carpet of bright green, literally covered in spring with flowers. Excellent for planting on high, dry knolls. We offer pink and white. 20c. each, $2.00 per doz., $12.00 per 100.

PANSIES.

Henderson's Superb Strain.

Grown from selected seed and offered as unequaled *for size, form and color.* Pansies are now largely used for bedding purposes, vases, etc., and these grand varieties will greatly increase their popularity. Price, 10c. each, 75c. per doz., $4.00 per 100.

BLUE DAWN FLOWER.

(*Ipomœa Learii.*)

This makes a splendid companion to plant with the white "Moon Flower." The flowers are the most intense violet blue, with reddish purple rays, and are six inches across. There is nothing of its color that exceeds in richness the flowers of Ipomœa Learii. 15c. each, $1.50 per doz.

NEW SPOTTED DOUBLE MORNING GLORY.

This fine addition to our list of climbing plants has been on trial in our grounds for the past two years, and has proved to be a sterling novelty. It flowers most profusely, and when in bloom is exceedingly attractive. The blooms are all beautifully fringed, which adds to its already distinct appearance. The color is a pretty shade of blush white, spotted with rich purple. It is a rapid grower and is one of the best climbing plants for the garden or greenhouse we have ever offered. Price, 15c. each, $1.50 per doz.

LILY OF THE VALLEY.

The Lily of the Valley is one of the most useful and greatly admired plants grown. Beautiful parlor and conservatory adornments may be produced by planting the roots in pots. They are most charming when grown in large patches in partially shaded localities around the lawn, near the borders of streams, lakes, etc., being perfectly hardy. Flowering roots, 5c. each, 50c. per doz.; *large clumps*, 50c. each, $4.50 per doz.

HARDY PHLOX, WHITE LADY.

LANTANAS.

We have few continuous blooming plants that afford a greater variety of colors than the Lantana. Twelve distinct varieties. Colors, orange, crimson, yellow, lilac, rose, white, etc. 10c. each, $1.00 per doz.; set of 12 for $1.00.

LEMON VERBENA.

A universal favorite, and invaluable for its fragrant leaves so grateful when mixed with bouquets. They will retain their fragrance for years when dried. Strong plants, 15c. each, $1.50 per dozen.

LOBELIAS.

Invaluable plants for vases or baskets; also very largely used for beds and borders. Bright blue flowers.

Trailing Varieties, for baskets. 10c. each, $1.00 per doz., $4.00 per 100.

Compacta. Dwarf, bright blue. 10c. each, $1.00 per doz., $4.00 per 100.

HENDERSON'S SUPERB PANSY.

PLUMBAGO COCCINEA SUPERBA.

A splendid flowering plant, bearing sprays of bright red flowers, very attractive and of great value as a pot plant for conservatory decoration. It grows freely in the open ground in the summer, and can be lifted up and potted in the fall for winter blooming. The foliage is large and handsome, deep green, with light bronze green on the young leaves. This is a most showy, desirable and attractive plant in every way, and should be in every collection. 25 cts. each, $2.25 per dozen.

We can also furnish **Alba**, white, and **Capensis**, blue. 20 cts. each, $2.00 per dozen.

SEEDLING PETUNIAS.

Henderson's Selected Strain.

In the whole range of what are known as "bedding plants" there is not one that can be said to excel in genuine usefulness the Petunia. They are of the easiest culture, growing in any soil that will maintain plant life, and producing the most showy flowers in the greatest profusion. The variety of uses they can be put to is extraordinary—baskets, vases, beds, borders—in any and every situation they find a congenial home. We offer plants grown from seed. Double Petunias (from seed), 15 cts. each, $1.50 per dozen, $10.00 per 100. Single Petunias (from seed), 10 cts. each, $1.00 per dozen, $6.00 per 100. (*See also page* 126.)

PASSIFLORAS. (Passion Flower.)

John Spalding. White flowers, foliage prettily marked with bright golden yellow. **Pfordtii.** Deep purple. **Constance Elliott.** Beautiful variety; flowers 3 to 4 inches in diameter and pure ivory white; deliciously fragrant. **Cerulea.** Similar to the preceding, but a beautiful blue; 15 cts. each, $1.50 per dozen.

HERBACEOUS PÆONIAS. (Hardy.)

Magnificent hardy plants, almost rivaling the Rose in brilliancy of color and perfection of bloom. They thrive in almost any soil or situation, and when planted in large clumps on the lawn make a magnificent display of flower and foliage. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well established. We offer *white*, *rose* and *crimson*. Price, 30 cts. each, for strong flowering roots.

PELARGONIUMS.

We offer a fine collection of these, from the best of the European growers. They embrace the most distinct colors and shades in cultivation. Price, 50 cts. each; set of 12 for $5.00.

PRIMROSE ICE KING. (Hardy.)

It forms a dense tuft about 6 inches high; the foliage is a light green and fringed. White flowers from 4 to 6 inches across. Price, 15 cts. each, $1.50 per dozen.

SUMMER PINKS. (Ready May 1st.)

Dianthus, or Summer Garden Pinks, assorted colors, double and single. They make splendid plants for the garden. Price, 10 cts. each, $1.00 per dozen, $6.00 per 100.

NEW HARDY WHITE PINK,

"HER MAJESTY."

After repeated efforts we succeed in successfully importing this grand novelty from England, where it is held in the highest esteem by the best authorities. It is unquestionably one of the finest varieties of this century, and one that will hold its own as long as Pinks are cultivated. It is far ahead of anything yet seen, and all the old white varieties will sink into insignificance by the side of this great beauty. It has become one of the most popular of the day, and is grown by the acre to supply the demand for cut flowers.

It was awarded **nine first-class certificates** at various exhibitions in England, which is an unprecedented list of honors and the greatest number of certificates ever awarded for a plant of like character. *(See cut.)*

Price, large clumps, 50 cts. each, $4.50 per doz. Young plants, 25 cts. each, $2.25 per dozen.

PLUMBAGO LARPENTÆ. (Hardy.)

A plant of dense, spreading habit; blue flowers in greatest profusion; valuable for cutting. 20 cts. each, $2.00 per dozen.

New Hardy White Pink, "Her Majesty."

Decorative Plants, Palms, Pandanus, Etc.

There are no plants more attractive than those offered on this page, and none which yield more pleasure to the cultivator for the amount of care bestowed. Our Palms are grown specially for house culture, and are particularly hardy and thrifty, because grown in a comparatively low temperature. As a basis for selecting and guide as to what may be expected, we mention the sizes and number of leaves, according to prices, but these are approximate only; plants are constantly developing, and a shorter one often appears better than a taller one; in such cases we will use our judgment in selecting.

KENTIA BELMOREANA.

Kentia Belmoreana.

This is sometimes called the "Curly Palm," and is recognized as among the best for all purposes, being capable of standing more ill usage perhaps than any other. The leaves have a tendency to curl as the plants grow older, hence its popular title of "Curly Palm." Our plants are of stout, stocky growth, and are sure to give satisfaction.

Price, specimen plants, 3 feet high, $5.00 each; 2 feet high, 5 to 6 leaves, $3.00 each; 18 to 20 inches high, 7 to 9 leaves, $2.00 each; 12 to 15 inches high, 3 to 5 leaves, 50c. each; small plants, 35c. each.

Cocos Weddeliana. This beautiful Palm is unquestionably the most elegant and graceful in cultivation. It is admirably adapted for the centres of jardinières and Fern dishes, as it retains its freshness for a long time, while for dinner-table decoration it is unexcelled, and should be in every collection. Price, 12 to 18 inches high, 75c. and $1.00 each; young plants, 35c. each.

DRACENA INDIVISA.

Of all the plants in use for centres of vases, baskets, or for beds in the open ground, nothing is so valuable as this. From its graceful, drooping habit it is sometimes called the "Fountain Plant." Price, 25c., 50c., 75c. and $1.00 each, according to size.

Dracena Terminalis. A beautiful decorative plant; gorgeous shades of crimson, bronzy green and pink on the foliage. Price, 25c. and 50c. each.

Dracena Fragrans. One of the finest of our ornamental-leaved plants; deep green, broad, gracefully drooping leaves. Our stock of this is grand and the price is low. Price, plants 20 inches high, $2.00 each; 12 inches high, $1.00 each; 8 inches high, 60c. each.

ARECA LUTESCENS.

This majestic Palm is without a peer for strength and elegance combined. Its dark glossy green leaves are gracefully curved on slender stems and the entire foliage is gracefully disposed. The trunk and stems are a golden yellow, irregularly spotted with bronzy green, giving it a peculiar charm.

Price, specimen plants, 3 to 3½ ft. high, $5.00 each; 2 ft., 9 to 12 leaves, $3.00; 18 to 24 in., 4 to 6 leaves, $1.50; 3 plants in a pot, 12 to 15 in., $1.00; single plants, 12 to 15 in high, 50c.; small plants, 30c.

PANDANUS UTILIS.

For majesty of form and gracefully arranged foliage this is without a peer. As an ornament for the window its glossy dark green serrated foliage renders it unusually attractive, while as a vase plant or single specimen in greenhouse or conservatory it cannot be surpassed.

Price, 1st size, 2 feet high, $3.00 each; second grade, $2.00 each; 2d size, 15 to 18 in. high, $1.00 each; 3d size, 10 to 12 in. high, 50c. each; small plants, 30c. each.

Special Low Offer of Young Palms and Kindred Plants.

Young Palms are easily grown into splendid specimens, one year's growth increasing their value four-fold and frequently far more. The great success attending our offer of these last year, and the many flattering letters received from our customers who purchased them, have induced us to repeat our offer this season, and we doubt if anything offered in our catalogue will give greater satisfaction to buyers. As an inducement to our customers to enter this pleasant and profitable field, we make the following low offer:

1 Kentia Belmoreana (The Curly Palm). The finest of all house Palms. *See cut* and more extended description on this page. **35c. each.**

1 Areca Lutescens (appropriately styled "The Ostrich Feather Palm"). One of the grandest and most useful of the species. See more extended description on this page. **30c. each.**

1 Latania Borbonica (The Fan Palm). The typical Palm, and recognized as being indispensable in every collection. *See cut* and fuller description on this page. **25c. each.**

1 Caryota Urens (The Fish-tail Palm). A rare and beautiful species which forms a majestic plant, gracefully arched foliage, the tips of the leaves notched, or separated so as to resemble a fish-tail, hence its popular name. **30c. each.**

1 Phœnix Canariensis (Date Palm). This belongs to the family of Date Palms, which is one of the most ornamental in cultivation. Sturdy, yet graceful, it is specially adapted to house culture. **30c. each.**

1 Dracena Indivisa (The Fountain Plant). Unapproached in its fitness for general decorative purposes. See fuller description on this page. **25c. each.**

1 Grevillea Robusta (The Silk Oak). A magnificent plant for decorative purposes, of rapid, easy growth, finely cut foliage, rivaling a rare Fern. The young growing leaves are a light bronze color, the tips being covered with a soft down, closely resembling *raw silk*, hence the name of "*Silk Oak.*" **25c. each.**

THE TOTAL VALUE OF THE ABOVE COLLECTION, IF BOUGHT SEPARATELY, WOULD BE $2.00.

This collection of five Palms, one Dracena and one Grevillea we offer free by mail for **$1.00.** If wanted by express, *buyer to pay charges*, we can send larger plants and leave all the soil on the roots.

Seaforthia Elegans. Invaluable on account of its rapid growth and gracefully arched foliage. Price, 20 to 24 inches high, $1.50; 15 to 18 inches high, 50c. each.

Latania Borbonica.

This is the typical **Palm**, and is more largely used than any other. Its strong healthy habit commends it to all, and gives it a fitness for window and room culture not possessed in the same degree perhaps by any other. (*See cut.*) Price, 2½ to 3 ft., 7 to 9 leaves, $5.00; second grade, slightly smaller, $3.00; 20 to 24 inches, 6 to 7 leaves, $2.00; 15 to 20 inches, 4 to 5 leaves, $1.00; 12 to 15 inches, 3 to 4 leaves, 50c.; young plants, 25c. each.

RUBBER PLANTS.

We have a splendid stock of this useful and ornamental plant, which will flourish under the most adverse conditions. Price, 12 to 15 inches high, $1.00 each; 18 to 20 inches high, $1.50 each; fine plants, 3 feet high, well-colored, $3.00 each.

PANDANUS VEITCHII.

This is a grand decorative plant. Its beautiful form, with vivid green and creamy white variegation, added to its vigorous growth, makes it indispensable in every collection. Price, $1.00, $2.00, and $3.00 each, according to size.

ARAUCARIA EXCELSA.

(**Norfolk Island Pine.**) Deep green, feathery foliage, arranged in whorls, rising one above the other at regular distances; its symmetry of form, grace and beauty of foliage are unequaled in the vegetable kingdom. Price, 18 to 20 in. high, $4.00 each.

PHŒNIX RECLINATA.

A fine, large-growing Palm of easy growth, very sturdy and graceful. It will stand much neglect without injury; fine for vases. Price, 20 to 24 inches high, 7 to 9 leaves, $2.00 each.

LATANIA BORBONICA.

DWARF SALVIA, "WM. BEDMAN."

PRIMULA CHINENSIS.

These are easily grown and flower incessantly throughout the winter and spring—all shades of *crimson, pink, white* and *variegated*—single flowers measuring 5 inches in circumference. 1st size, 25c. each, $2.25 per doz.; 2d size, 15c. each, $1.50 per doz.

Solanum Jasminoides Grandiflorum.

A climbing plant, but can be grown in bush form. Flowers star shaped, and borne in clusters often a foot across, pure white with a violet tinge on back of petals, and on the buds. Strong plants, 15c. each, $1.50 per doz.

SMILAX VINES.

Familiar to every one. Easily grown if trained to strings or stakes. Price, 10c. each, $1.00 per doz., $6.00 per 100.

VINCA MAJOR VARIEGATA.

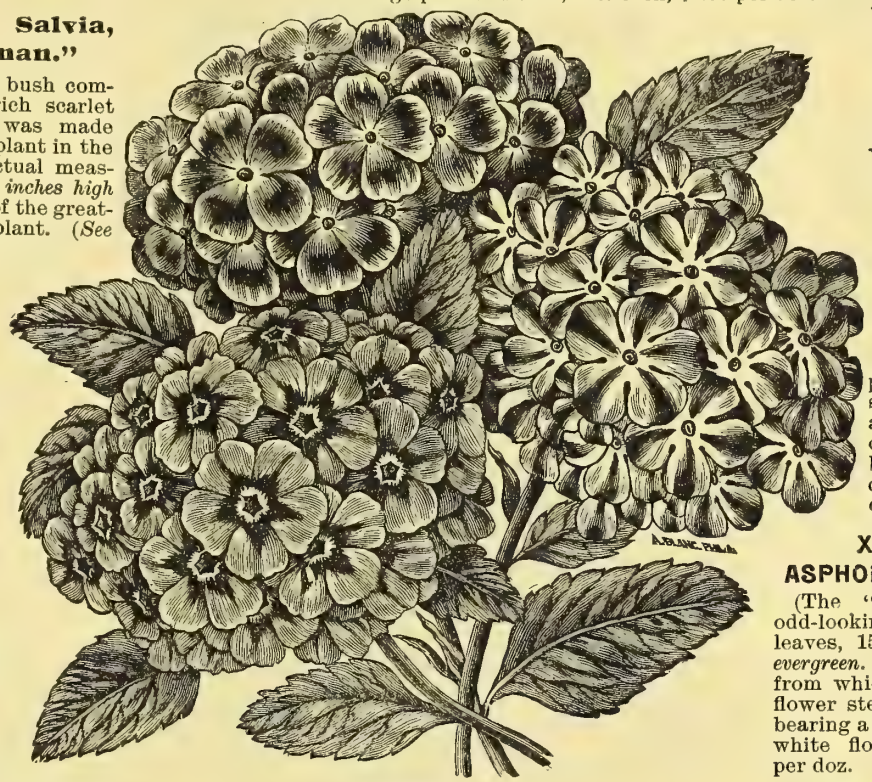
One of the most useful drooping plants for baskets and vases. Very distinctly marked with creamy white on a green ground. 15c. each, $1.50 doz.
Vinca Elegans. Similar to above, but plain green. 15c. each, $1.50 doz. Large plants of each, 50c. each, $4.50 per doz.

Dwarf Scarlet Salvia, "Wm. Bedman."

This forms a compact bush completely covered with rich scarlet flowers. The engraving was made from a photograph of a plant in the open ground, which by actual measurement was only *fifteen inches high* and *two feet across*. It is of the greatest value as a bedding plant. (*See cut.*) Price, 10c. each, $1.00 per doz., $6.00 per 100.

SALVIAS. (Assorted.)

Bethelii. Large bright green foliage, rosy carmine flowers.
Marmorata Nana. Dwarf, flowers striped scarlet and white.
Mrs. Stevens. Deep purplish maroon, a unique shade.
Patens. Deep blue, the finest color imaginable.
Splendens. (Scarlet Sage.) Intense scarlet, of great value for large beds. Price, $6.00 per 100.
Splendens Alba. Similar to above, but pure white. Price, 10c. each for any of the above, $1.00 per doz.; set of 7 Salvias for 50c.



VERBENAS.

Vinca Minor Alba. (*Creeping Myrtle.*) Very hardy, will grow in shade, and splendid for cemeteries. Large clumps, 50c. each. 15c. each, $1.50 per doz.
Vinca Minor Cerulea. Similar to the above, but the flowers are blue. Large clumps, 50c. each. Small plants, 15c. each, $1.50 per doz.

SHRUBBY VINCA.

Handsome bushy plants producing freely round single flowers 1½ inches across, suitable for pot culture and sunny flower beds. Colors, white and carmine rose. Price, 15c. each, $1.50 per doz.

XEROPHYLLUM ASPHODELOIDES. (Hardy.)

(The "*Turkey's Beard.*") An odd-looking plant with grass-like leaves, 15 inches long, which are *evergreen*. It grows in clumps from which rise from one to five flower stems three feet high, each bearing a compact head of showy white flowers. 15c. each, $1.50 per doz.

MAMMOTH VERBENAS.

Verbenas are now and have for years been one of our leading specialties. We carefully selected and improved our stock of the **Mammoth Verbenas** since we introduced them. Many kinds in richness of color and large white centre resemble *Auriculas*. (*See cut.*)

B. of Oxford. Deep pink.
Climax. Glowing scarlet.
Coral. Brilliant pink.
Crystal. Pure white.
Garnet. Deep lustrous crimson.
Glow-worm. Rich crimson scarlet.
Invincible. Rich purple.
Iona. Deep pink.
Mattie. Soft shell pink.
Miss Arthur. Intense scarlet.
Mrs. Cleveland. Pure white, fragrant.
Mrs. Wilson. White and crimson.
Negro. Dark maroon.
Onyx. Rich crimson.
Purple King. Deep purple.
Price, 10c. each; set of 14 for $1.00.

VIOLET, MARIE LOUISE.

The well-known double light purple variety. We offer strong, healthy plants, so that any amateur will have no difficulty in growing them. Thousands of this peerless variety are grown for the flowers alone to supply the cut-flower markets of the country during the winter season. (*See cut.*) Price, large plants, 30c. each, $3.00 per doz.; young plants, 15c. each, $1.50 per doz., $8.00 per 100.

VIOLET, MARIE LOUISE.

Choice Hardy Perennial Plants,

FOR PERMANENT PLANTING IN OPEN BORDERS, CEMETERY PLOTS, ETC.

This class of plants is fast attaining popularity, and to meet the growing demand we offer this choice selection of sorts, which contains only such as exhibit the greatest contrast of color with profusion of bloom. They flower at different periods, as noted, and vary in natural height, so that a succession of bloom with a picturesque effect can be obtained by planting this entire collection. All the plants offered are in fine condition, and can be planted at any time when the ground is ready to receive them.

Achillea, "The Pearl." The flowers, which are borne upon erect foot-stalks, are of the finest white, and closely resemble a Pompon Chrysanthemum. A grand acquisition for cutting purposes. Succeeds anywhere and flowers nearly the whole season. 25 cts.

Achillea Tomentosa. Flower heads flat, of an unusually good yellow, remaining a long time in perfection. Excellent for spring and summer cutting.

Anemone Japonica. One of the most valuable fall flowering perennials, producing showy rose-colored flowers on long slender stems.

Anemone Japonica Alba. Flowers of the purest white. Large yellow disk, resembling much a Water Lily. Blooms in late fall. Grand flower for bouquets.

Aquilegia (assorted). A pretty assortment of Columbine, growing 2½ feet high, flowering unremittingly during summer, 25 cts.

Armeria (Sea Pink). Beautiful dark pink flowers, blooming from May to July.

Astilbe Japonica. White; plume-like spikes of flowers; blooming in June.

Asclepias Tuberosa. One of the best border plants. Flower heads a fine orange, lasting in perfection a long time. 25 cts. August.

Campanula ("Canterbury Bells"). A very beautiful variety with bell-shaped flowers of lasting quality when cut. July to September.

Coreopsis Lanceolata. This is, without doubt, one of the finest hardy perennials. The flowers are produced in the greatest profusion from June until frost. The branching wiry stems are especially adapted for vases, bouquets, etc.

Digitalis (Foxglove). Very pretty.

Dicentra Spectabilis (Bleeding Heart). One of the first spring-flowering plants.

Euphorbia Corollata. White flowers; grand for bouquets; blooms all summer.

Funkia Subcordata (White Day Lily). For grace and beauty this is without a rival. Its broad green leaves, above which rise the clusters of pure white fragrant flowers, are always a grateful sight. No plant in the collection outrivals this. Strong plants.

Funkia Undulata Variegata. A very fine border plant with wavy foliage, variegated with creamy white. Useful for edging borders of hardy plants. 25 cts.

Gaillardia Grandiflora. Crimson and orange flowers. Blooms all summer and fall. One of the grandest of all hardy plants. 25 cts.

Helianthus Multiflorus. Dark golden yellow color; grows from 3 to 5 ft. in height; never fails to flower the first season of planting.

Helianthus Maximilianii. A large growing, very free-flowering species, remaining in bloom till late autumn. Valuable for cut flowers. 40 cts.

Hemerocallis Sieboldiana. Lilac colored flowers. July and August.

Hemerocallis Flava. Orange-yellow flowers. Very sweet-scented. June.

Iris (Fleur de Lis). The rainbow hues of these grand flowers rival the finest Orchids. Deemed worthy by the kings of France to be placed on the royal banner. We offer the improved Japanese varieties, which far surpass the older kinds. Assorted colors.

Lobelia Cardinalis. A tall-growing variety with bright scarlet flowers. August and September.

Lychnis Chalcedonica. A brilliantly colored, tall perennial; the flower heads are a bright scarlet, and are excellent for cutting. July to September.

Monarda Didyma. A sweet-scented herb with crimson flower heads. Excellent for border and cutting. In flower for at least three months.

Myosotis (Forget-me-not). The best blue variety; flowering all summer. 10c.

Mountain Fleece. This forms a bush from 3 to 4 feet in height and width. Its feathery white panicles are from 9 to 12 inches long, delightfully perfumed. For cemetery decoration it is unsurpassed. Price, 25 cts. each, $2.25 per dozen.

Œnothera Frazerii. Low growing; large golden yellow flowers. 30 cts. June to September.

Phalaris Arundinacea Var. Better known, perhaps, as "Gardener's Garters." A striped grass, green and white; indispensable in hardy borders.

Phlox Amœna. Unsurpassed for spring bedding, the foliage being entirely hidden under the profusion of bright pink bloom. A grand plant for borders.

Phlox Subulata (Moss Pink). A low growing species, making an excellent spring bedder and splendid rock plant. We offer pink and white.

Platycodon Grandiflorum. Large bell flower; attains a height of 2 to 3 feet; star-shaped flowers 3 inches across. Color, indigo-blue to pure white, and all intermediate shades.

Pulmonaria Maculata. Large foliage, blotched silvery white; low growing. 25c.

Polemonium Ceruleum. A dwarf species, forming tufts of fine foliage, covered in early spring with showy blue flowers.

Pyrethrum Hybridum. Splendid hardy plants for the garden; assorted colors. 30c. each, $3.00 per doz.

Pyrethrum Uliginosum. A grand plant for fall cutting, growing 4 feet high, and covered with a profusion of large white flowers. Fall. 35 cts.

Rudbeckia Speciosa. A fine plant for cutting or massing. Flowers with orange-colored rays and a black disk. Height, 2 to 3 feet.

Spiræa Palmata. A superb variety, soft plume-like flowers of a deep shade of pink. 25 cts. June to August.

Tritoma Grandiflora Major. Spikes a foot in length and three inches in diameter, of the brightest shades of orange and scarlet.

Yucca Filamentosa (Adam's Needle). The great sprays of white flowers are a conspicuous and pleasing object in any landscape. Strong plants. 20 cts. each, except where specially priced.

Full set of 39 Hardy Herbaceous plants for $6.00.

ABRIDGED LIST.

Lack of Space forbids us giving extended descriptions of the following well-known and useful plants:

	Each.	Doz.
Anthericum Repens Vitatum. Variegated foliage, fine plant for baskets, vases, etc.	25c.	$2.25
Anthericum Picturatum. Finer than the above	50c.	4.50
Achimenes. Bulbous plants for the greenhouse or conservatory; purple, white, lilac, etc., flowers produced in the greatest profusion	30c.	3.00
Amaranthus ("Joseph's Coat"). Three sorts, May 1st	10c.	1.00
Aspidistra Var. Fine house plant	$1.00	9.00
Asters. All colors mixed. Ready April 15th	10c.	1.00
Alternantheras. Crimson, yellow, maroon, etc	10c.	.75
Amaryllis Vittata Hybrids. These are beautifully striped and blotched, and are deliciously fragrant	$1.00	9.00
Amaryllis Johnsonii. Strong, vigorous growth, bearing from 3 to 6 brilliant red flowers on each stem	50c.	4.50
Amaryllis Formosissima	30c.	3.00
Ageratum. Blue, white, lavender, etc.	10c.	1.00
Agapanthus Umbellatus. This is a grand plant both for decoration outside and in the greenhouse. Foliage large and graceful, clusters of 20 to 30 bright blue flowers crowning each of the flower stalks	35c.	3.50
Allamanda Hendersonii. Large yellow flowers, blooms all summer	30c.	3.00
Antirrhinum. Choicest mixed, all colors; April 1st	10c.	1.00
Achyranthus. In variety	10c.	1.00
Balm. Silver leaved, very pretty	10c.	1.00
Balsams. White and colored sorts; ready May 1st	10c.	1.00
Bouvardias. All colors	25c.	2.25
Browallia Elata. Blue flowering; ready April 15th	10c.	1.00
Calendula Meteor. Bright orange flowers; blooms all summer; ready April 15th	10c.	1.00
Cineraria Hybrida. All colors mixed	15c.	1.50
Convolvulus Mauritanicus. Blue flowering vine; for baskets and vases	15c.	1.50
Cosmos. White and mixed; May 1st	10c.	1.00
Cowslip (Primula Elatior). Assorted, splendid colors	15c.	1.50
Cyperus Alternifolius. Fine for wardian cases, aquarium, etc	30c.	3.00
Castor Oil Bean. A tropical-looking plant; fine for lawns in summer; ready May 15th	20c.	2.00
Clerodendron Balfourii. The body of the flower is bright crimson enveloped in a creamy white calyx	40c.	4.00
Cuphea Platycentra (Segar Plant) and **Hyssopifolia**	10c.	1.00
Coronilla Glauca. Bright yellow flowers	15c.	1.50
Cockscombs. All colors mixed; ready May 1st	10c.	.75
Cocoloba Platyclada. Fine for baskets, etc	15c.	1.50

	Each.	Doz.
Calceolaria. Assorted; ready April 15th	15c.	$1.50
Euphorbia Splendens, "Crown of Thorns"	20c.	2.00
Echeverias. Well-known succulents; 6 varieties	10c.	1.00
Eranthemums. Beautiful foliage plants; 4 varieties	15c.	1.50
Eupatorium Riparium. White; winter flowering	10c.	1.00
Feverfew, Golden. The well-known "Golden Feather"	10c.	.75
Gazania Splendens. A most useful plant for baskets or vases, of drooping habit, with large yellow flowers, blooming all summer	15c.	1.50
Gynerium Argenteum ("Pampas Grass"). Flowering roots	30c.	3.00
Iris Kæmpferii. Grand orchid-like flowers, 6 inches across; all colors. (Hardy.)	30c.	3.00
Libonia Perohiensis. Orange and crimson flowers	15c.	1.50
Lysimachia ("Creeping Charlie"). An old favorite for the garden and hanging baskets, etc.	10c.	1.00
Lathyrus Latifolius. Hardy Flowering Pea	30c.	3.00
Linum Flavum ("Yellow Flowering Flax")	20c.	2.25
Linaria Cymbalaria ("Kenilworth Ivy")	10c.	1.00
Lotus Jacobeus. Beautiful flowers, almost black	15c.	1.50
Maurandia Barclayana. Handsome flowering vine for summer; May 1st	10c.	1.00
Musk Plant. Delicious musk odor; ready May 1st	10c.	1.00
Mesembryanthemums. In variety; beautiful succulents; fine for rock work, baskets, vases, etc.	10c.	1.00
Marantas. Fine sorts; beautiful foliage	35c.	3.50
Mahernia Odorata. Golden Honey Bell	15c.	1.50
Madeira Vine. Rapid climber; fragrant flowers	5c.	.50
Olea Fragrans ("Sweet Olive"). Very fragrant	50c.	4.50
Panicum Var. Pretty drooping variegated grass for baskets, etc.	10c.	1.00
Pilogyne Suavis. Beautiful outdoor climber	15c.	1.50
Poinsettia. Single	50c.	4.00
Pittosporum Var. Fragrant white flowers	30c.	3.00
Phlox Drummondii. All colors mixed	10c.	1.00
Sedums. Fine for rock work. (Hardy.)	10c.	1.00
Selaginellas (Mosses). In variety	10c.	1.00
Stevia. Three varieties; white flowers	10c.	1.00
Stocks. Best German Ten Weeks, assorted; ready April 1st	10c.	1.00
Succulent Plants. For rockeries, etc	10c.	1.00
Torenia Asiatica. Blue tubular flower; beautiful	15c.	1.50
Tropæolum. Finest mixed varieties, crimson, yellow, etc	10c.	1.00
Thyme. Gold and silver varieties	10c.	1.00
Tradescantias, Vulgaris, Repens, Multicolor, etc	10c.	1.00
Zinnias. New colors, curled and crested, etc; ready May 1st	10c.	1.00

HARDY CLIMBING PLANTS.

(IN VARIETY.)

AMONG the most important decorative and flowering plants none are more necessary than *Hardy Vines*. The collection we offer below contains, we believe, the best climbing plants for permanent effects known at present time. Particular attention is called to the "Boston" or "Japan Ivy" as being perhaps the grandest vine for foliage effects it is possible to obtain. All the plants offered are of a good size and should give entire satisfaction.

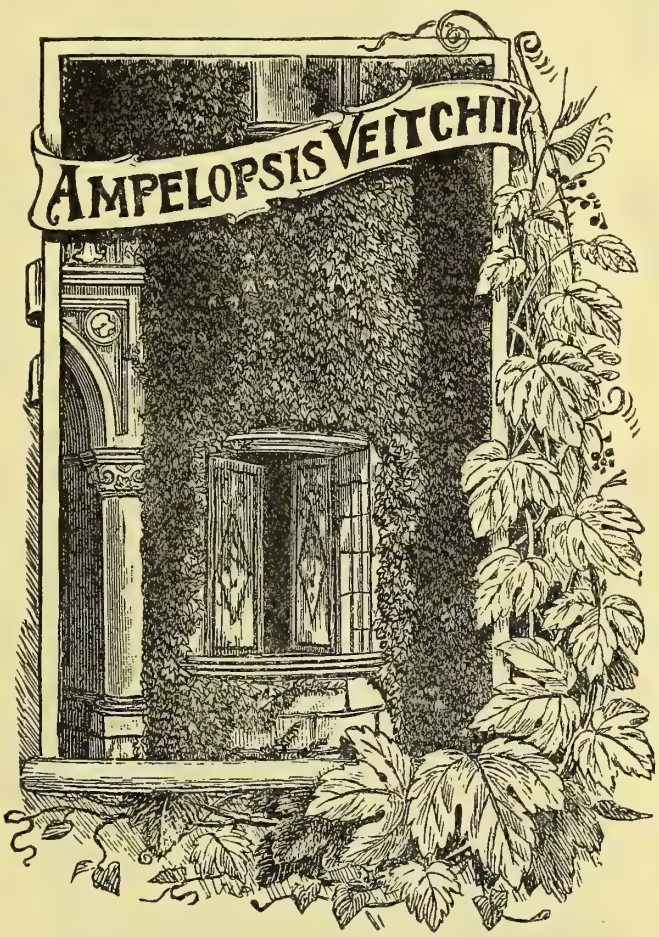
AMPELOPSIS VEITCHII.

Sometimes called "Boston Ivy" and "Japan Ivy."

No picture can portray the beauty of this grand climbing plant. As an important aid to architectural beauty it is rapidly attaining prominence, being now a feature on the finest houses—notably the palatial residence corner of 57th Street and Fifth Avenue, New York City. Another fine example of it is seen on Grace Church, New York, while on Commonwealth Avenue, and throughout the fashionable "Back Bay" district in Boston, there are hundreds of the finest houses covered with it from foundation to roof. It is adapted to all situations, and transforms the humblest cottage. It is entirely hardy in the most exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or wood work with the greatest tenacity. It is a great protection to houses, as the leaves lapping over each other like slates on a roof effectually prevents rain from penetrating the walls. For covering dead trees, gate posts, boundary walls, verandas, etc., it has no equal, while its rapid growth and tenacious clinging qualities make it a most desirable plant for staying up terraces. In the summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of *scarlet, crimson* and *orange*, so dazzling as to be seen at a great distance.

Prices: 1st size, extra strong pot grown, 2 to 3 ft., 50c. each, $4.50 per doz.; 2d size, pot grown, 1½ to 2 ft., 30c. each, $3.00 per doz.; 3d size, pot grown, 6 to 12 inches, 15c. each, $1.50 per doz.

A. Roylei. This is identical with A. Veitchii as regards its climbing properties, but it is a larger and stronger growing plant. The foliage even in summer is richly tinted crimson, and in autumn it is perfectly gorgeous in its flame-colored foliage. It is, in our opinion, the more valuable of the two varieties. Price, the same as *A. Veitchii*.



A. Quinquefolia. The old Virginia Creeper. This is known in many sections as "American Woodbine." Invaluable where a coarse, rapid climber is desired. The foliage is larger than either of the above and colors grandly in the fall. Large plants, 50c. each.

Akebia Quinata. A scarce Japanese twining plant, with rich, dark green foliage and curious dark brown flowers of the most powerful and delicious odor. 30c. each, $3.00 per doz.

Apios Tuberosa. A valuable hardy tuberous-rooted climber, closely resembling the common Wistaria in vine and foliage, and having clusters of rich, deep purple flowers, which have a strong delicious violet fragrance. Plant the bulbs near a trellis, fence, tree or any place where you may wish a climber. They grow to a great height and bloom profusely. The bulbs are perfectly hardy and should not be taken up over winter. 15c. each, $1.50 per doz.

Aristolochia Sipho (Dutchman's Pipe). Large, showy, light green foliage; flowers long and pipe-shaped, hence the name. A very rapid growing vine, and where a dense screen is desired nothing can be better. The plants we offer are fine and strong. Price, 50c. each.

Bignonia Radicans (Trumpet Creeper). A most rapid grower; flowers in large bunches, of a rich orange scarlet. Invaluable for covering out-buildings, old trees, etc. Trained to a post and cut back, it will assume a weeping form and is highly ornamental in that way. 25c. each, $2.25 per doz.

Celastrus Scandens (Bitter Sweet). A well-known, handsome climbing plant. In the fall its foliage assumes a gorgeous coloring. It bears large clusters of bright scarlet berries, which remain on the vine a long time. Strong plants, 40c. each.

Hardy Pea (Lathyrus). One of the grandest hardy climbers we have. The blooms are magnificent, formed in great clusters of large waxy flowers. Color brilliant rose. Strong plants, 25c. each.

HONEYSUCKLES.

Lonicera Belgica (Monthly Fragrant or Dutch Honeysuckle). The grandest of all honeysuckles and always scarce. Ever-blooming and very fragrant. Flowers bright red with yellow and buff markings at the ends of the tubes. 50c. each, $4.50 per doz.

Lonicera (Japan Honeysuckles). Yellow, white, pink and golden leaved. Fine two-year-old plants, 30c. each, $3.00 per doz.; young plants, 10c. each, $1.00 per doz.

Hop Vine. As no garden is complete without a vine, and as none is more satisfactory than the Hop Vine in any situation, we include it in this collection. Price, strong roots, 15c. each, $1.50 per doz.

Ivy (English). Invaluable from its quality of remaining evergreen all the year. It is largely used for covering graves in cemeteries. Price, large plants, 50c. each; smaller plants, 25c. each, $2.25 per doz.

Variegated English Ivy. We also offer a variegated variety which is very ornamental. Price, the same as the above.

Hardy White Jessamine. Very sweet-scented and highly desirable. Strong plants, 50c. each, $4.50 per doz.

Periploca Græca (Silk Vine). A rapid growing beautiful climber. It is particularly desirable for the sea-shore, as it stands the salt air better perhaps than any other. Rich glossy foliage, purplish brown flowers in clusters. Price, 25c. each, $2.50 per doz.

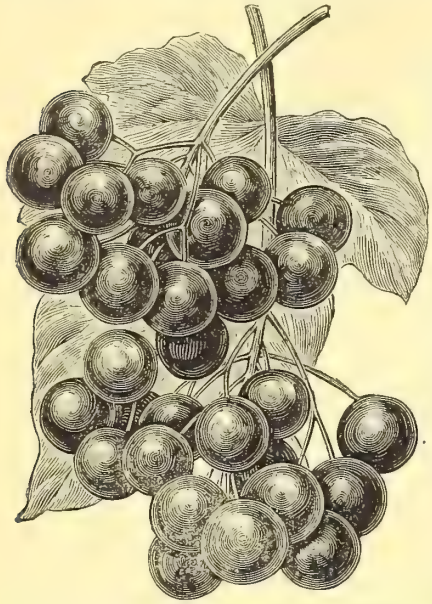
Schizophragma Hydrangeoides (Climbing Hydrangea). A handsome, rapid growing plant, with almost all the characteristics in flower and foliage of the shrubby Hydrangea. It clings with tenacity to any object by which it may be planted, and attains a height of fifty feet. It has large white flowers, which remain a long time on the plant, making it a conspicuous and desirable object. Price, 30c. each, $3.00 per doz.

Wistaria Sinensis. White. Flowers borne in long, drooping clusters, as in the blue variety; pure white in color, making a most striking and elegant contrast. 50c. each.

Wistaria Frutescens. Blue. Flowers in drooping clusters like a bunch of grapes; soft lavender blue. 35c. each.

HARDY SHRUBS, RHODODENDRONS, HEDGE PLANTS, Etc.

Below we offer a grand collection of hardy flowering shrubs for lawn decoration. Planted either singly or in groups, the effect of these is always magnificent when in flower. The shrubs we offer are all well-grown, bushy specimens and are finely rooted, having been twice transplanted. With such fine plants to start with failure is almost impossible if properly planted. We are prepared to quote special prices on larger quantities of any or all the varieties here offered.



FRUIT OF TREE CRANBERRY (*Viburnum Oxycoccus*).

TREE CRANBERRY.

Among the ornamental berry-bearing shrubs there are few superior, either for beauty or for the usefulness of their fruit, to the Tree Cranberry, or, as it is often called, the High Cranberry Bush. And yet this useful and ornamental shrub has been singularly neglected, being confined, except in a few rare instances, to its native haunts in the North and East. It forms a symmetrical little tree under culture, and is a pleasing ornament on the lawn or shrubbery. Its juicy, acid fruit is of a bright red, and is used as an excellent substitute for the swamp cranberries. The berries hang on well to the grayish branches and present an effective appearance in winter. When growing in a wild state it forms a dense bush, but responds readily to judicious pruning, and may be made to assume either the tree form or that of an open bush. The shrub is well worth planting for ornamental effect alone; its excellent fruit makes it a profitable adjunct. It is surprising that so few are aware of the beauty and utility of this little tree, and many are under the mistaken impression that it cannot be safely transplanted into cultivated grounds. Plants from the nursery will succeed in almost any soil and location, and yield in due season a bounteous supply of cranberries. It should be more generally planted, and its value then would soon become known and appreciated. The trees we offer have been selected with a view to large fruit and small seeds, and are sure to please. 25c. each, $2.25 per doz.

HYDRANGEA PANICULATA GRANDIFLORA.

The flowers are formed in large white panicles, 9 inches long, which change to a deep pink at the base as the season advances. It grows 5 to 7 feet high and wide, and, as the flowers slightly droop, few plants have the grace and beauty of this grand shrub. Used largely in cemeteries. (*See cut.*) Price, strong one-year-old bushes, 1 to 1½ feet high, 25c. each, $2.50 per doz. Extra strong transplanted bushes, 2½ to 3 feet high and branched, 50c. each, $4.50 per doz.

CLETHRA ALNIFOLIA.

(*Sweet Pepper Bush.*)

A very desirable dense-growing shrub, with dark green foliage and showy upright spikes of creamy white, intensely fragrant flowers, continuing in bloom a long time. The season of bloom is later than most shrubs, which is a valuable feature. Price, 30c. each, $3.00 per doz.

WHITE PERSIAN LILAC.

It is doubtful if anything in the whole range of flowering shrubs surpasses this in grace and elegance, or in hardiness and usefulness. As a decorative plant on the lawn or in the border it is without a peer, and its pure white, graceful plumes of sweetly fragrant flowers add grace and beauty to bouquets, vases, etc. As a cemetery plant it is without a rival. The plants we offer are unusually fine. Price, 50c. each, $4.50 per doz.

HYDRANGEA P. GRANDIFLORA.

ASSORTED SHRUBS.

Azalea Mollis. Crimson, pink, yellow, etc. Price, $1.00 each.

Althea, Double White. Beautiful shrub; double flowers.

Althea, Double Pink. Similar to above, except color, which is pink.

Calycanthus Floridus. Strawberry-scented shrub.

Deutzia Crenata. Pure white, tinged rose color.

Deutzia Gracilis. Pure white throughout; low, compact habit.

Exochorda Grandiflora. Pure white flowers; a grand shrub.

Forsythia Viridissima. Yellow flowers; blooms very early.

Kerria Japonica. Slender, graceful growth; double yellow flowers.

Lilac. The well-known purple flowering variety.

MAGNOLIAS (hardy varieties). In this grand class of plants for lawn decoration we offer **Conspicua,** pure white; **Soulangeana,** creamy white and purple; **Stellata,** pure white, very sweet-scented—one of the finest ornamental trees in cultivation. All extra fine trees, three feet high, at $3.00 each.

Philadelphus Coronarius. The popular Syringa or Mock Orange.

Prunus Pisardi (Purple-leaved Plum). Foliage, fruit and shoots of bright purplish red, retaining its color during the heat of summer better than any other purple-leaved tree or shrub. Entirely hardy. Planted with Golden Elder, its beautifully colored foliage presents a most magnificent contrast. Price, 2 to 3 feet, 25c. each, $2.50 per doz., $15.00 per 100.

Ribes (Flowering Currants). Assorted colors; very fine.

Sambucus Aurea. (Golden-leaved Elder). *The finest golden-leaved shrub, and invaluable for producing strong effects in grouping.* Foliage large and handsome, of the richest golden yellow, which it retains throughout the summer, being the most brilliant in color and succeeding best when planted in full exposure to the sun. Price, 2 to 3 feet, 25c. each, $2.50 per doz., $15.00 per 100.

Spiræa Van Houtteii. Flowers pure white, borne in greatest profusion, one of the best in its class.

Spiræa Prunifolia. (*Bridal Wreath.*) Pure white *double* flowers in May and June completely covering the branches. Crimson foliage in autumn.

Spiræa Callosa. (*Superba.*) Large clusters of pink flowers borne freely from June to October. A grand hardy shrub.

Spiræa Callosa Alba. Similar to the above, with white flowers.

Virburnum Opulus. (**Snowball.**) Large drooping white flowers.

Weigelia Candida. Pure white flowers; blooms in fall.

Weigelia Rosea. Rich rose-colored flowers.

All the shrubs on this page we can supply at 30c. each, $3.00 per doz., *except where noted.*

JAPAN MAPLES.

The most ornamental dwarf-growing trees it is possible to imagine. The leaves are fantastically cut and fringed, and the wonderful coloring baffles description, ranging through shades of crimson, scarlet, yellow and intermediate shades mingled in marvelous harmony. They are entirely hardy. Price, $1.50 each.

RHODODENDRONS.

These are among the grandest of our hardy flowering shrubs and cannot be surpassed for lawn decoration. The flowers range through shades of rose, pink, crimson, white, etc., 9 to 12 inches in diameter. Price, plants with 8 to 12 buds, $2.00 each; set of six distinct named sorts for $9.00. Plants with 4 to 8 buds, $1.50 each; set of 6 sorts for $7.50. Young plants, 10 to 12 inches high, 50c. each, $5.00 per doz.

HEDGE PLANTS.

Berberry Purple. Very ornamental; purple foliage, scarlet berries. Price, 25c. each, $2.25 per doz., $12.00 per 100.

Hardy Orange. A splendid hedge plant; white, fragrant flowers succeeded by bright orange-red fruit; 20c. each, $2.00 per doz., $10.00 per 100.

Pyrus Japonica. (Japan Quince.) Bright scarlet flowers, blooming in early spring. Price, 25c. each, $2.25 per doz., $12.00 per 100.

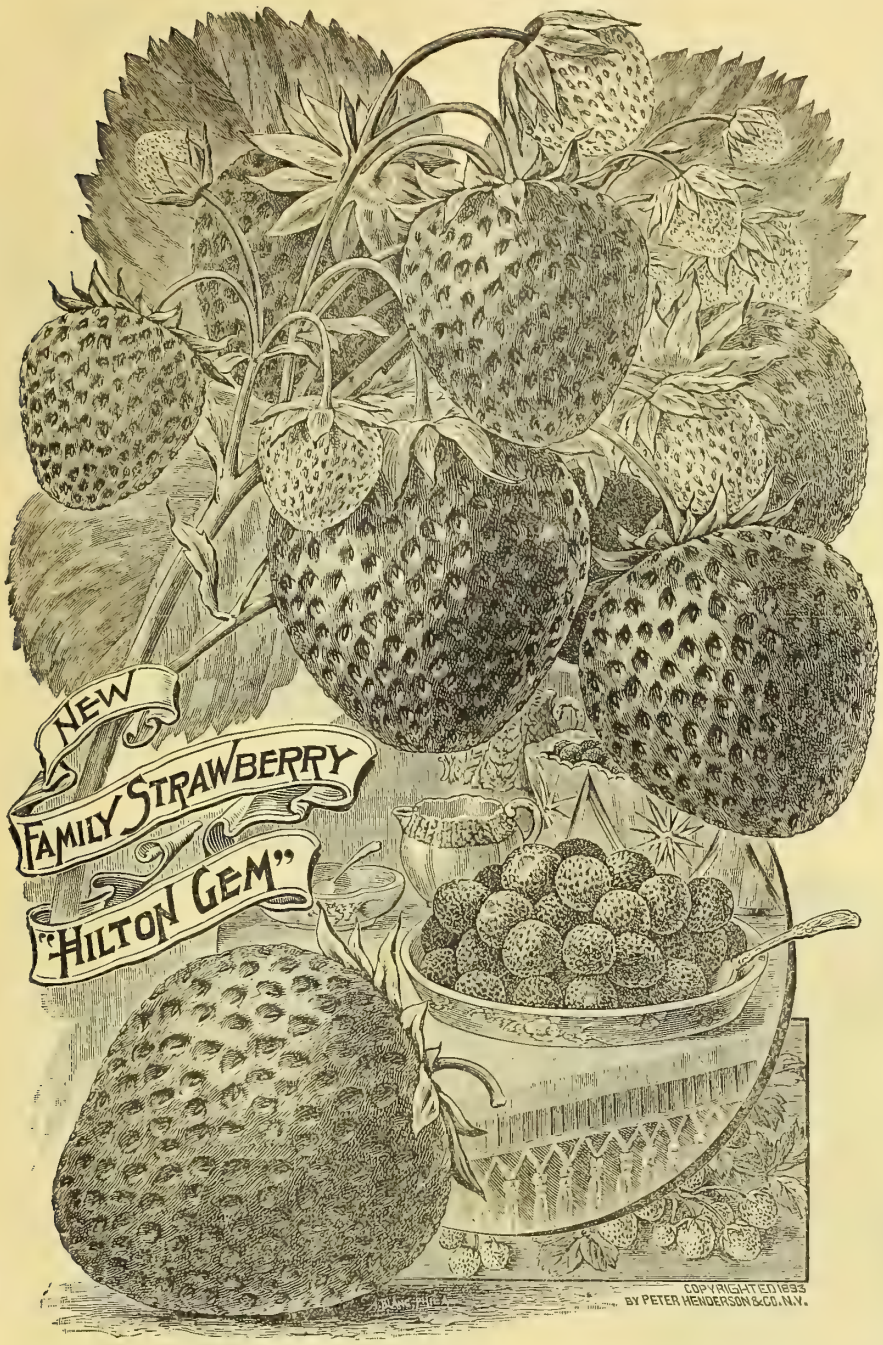
Privet. (Californian.) A splendid hedge plant; glossy green foliage, white flowers. Price, 20c. each, $2.00 per doz., $10.00 per 100. 2½ feet high.

JAPAN SNOWBALL.

(*Viburnum Plicatum.*)

A new variety of Snowball from Japan, and one of the grandest shrubs in existence. Growth upright and compact. Foliage olive green through the summer, but toward fall it turns much darker and remains on the plant for some time after the first frosts. Flowers 4 to 6 inches across. The leaves are in pairs along the stem, and from the base of each leaf a ball of flowers appears. There are often as many as ten pairs of these, or twenty balls, on a branch 18 inches long. These balls as they expand, all face upward, so that a full view of their great beauty is always to be had. To be a universal favorite a shrub must be hardy, easily transplanted and its growth of good shape, and beautiful both in leaf and flower, and the Japan Snowball embraces all of these points to the fullest extent. Price, large bushes, 2¼ to 3 feet, 50c. each, $4.50 per doz. Second size, 12 to 18 inches (mailing size), 30c. each, $3.00 per doz.

JAPAN SNOWBALL.
(*Viburnum Plicatum.*)



From our extensive collection we have selected the varieties offered as the best for general use. The Strawberry plants we offer, being strong layered plants which were transplanted into cold frames in the fall, if planted out any time before May 5th will, under proper conditions, give quite a nice lot of fruit by June 15th of the present year. The plants here offered are far superior to the untransplanted "layers" usually sold. We call particular attention to the PRICES AT WHICH THESE ARE OFFERED, which defy all competition, when quality of stock is considered.

The blossoms of all varieties are bi-sexual or perfect, except those marked with the letter P, which are destitute of stamens and are termed pistillate or imperfect. Pistillate varieties must have a row of a perfect-flowered sort planted every 9 or 12 feet apart among them, or, better yet, every third or fourth plant in the row, to pollenize their blossoms. When treated in this way they usually bear more fruit than the perfect-flowered varieties.

Parker Earle. This magnificent berry originated in Texas and is named in honor of Mr. Parker Earle, the distinguished President of the American Horticultural Society. It produces wonderful crops on light soils and endures hot, dry weather better than most strawberries. The plant is a robust grower, with perfect flowers, berries large, conical, regular and uniform, glossy crimson, flesh firm, reddish, and in quality excellent. Early to medium. Price, 40c. per doz., $2.00 per 100, $12.00 per 1,000.

Lovett. The berries are of the brightest crimson, excel in firmness any variety except Wilson, which they equal, and are of superb quality. Its great merits are its early ripening, enormous yield, good size, bright color, and its firmness and good shipping qualities. The plant is perfection itself in habit and growth; the foliage is at all times bright and fresh, with not the slightest trace of rust to be found upon it. Price, 35c. per doz., $2.00 per 100, $12.00 per 1,000.

Bubach No. 5 (P). A superior variety in every respect, of large size and great productiveness. A prominent strawberry grower says "he has tested every variety sent out in the last 20 years, and if all varieties were culled out but 10, he would place Bubach No. 5 at the head of the list, on account of its large, bright, well-colored berries, its immense yield and fine flavor." Price, 30c. per doz., $1.50 per 100, $10.00 per 1,000.

Jessie. This large, fine Strawberry has been tested over a large extent of country and has given universal satisfaction. Grown on a rich, low piece of ground, it is very fine; fruit large, abundant, beautiful and of excellent quality. Price, 30c. per doz., $1.50 per 100, $10.00 per 1,000.

Shuster's Gem (P). A magnificent variety with an unusually strong and vigorous plant and bright, healthy foliage. Fruit large, globular shape, regular and uniform, maintaining a good size to the end; beautiful bright scarlet, excellent quality. It does not need petting of any sort, and seems to adapt itself to almost any soil and location. Early to mid-season. 35c. per doz., $2.00 per 100, $10.00 per 1,000.

New Family Strawberry, "Hilton Gem."

The new Strawberry, "Hilton Gem," offered herewith, was raised in Hilton, N. J., probably the greatest strawberry-growing district in the vicinity of New York, and is regarded by the great strawberry growers there as the best variety for general use, either for the family or for market, known up to the present time; and it is needless to say that all known varieties are tried by these expert growers. It was a long time before the originator would part with any of his stock, but at length he consented to sell some, and to-day it is more generally planted by the most progressive growers in that section than any other. In the New York market, ever since the fruit was first offered for sale, it has commanded a higher price than any other. This is owing to its uniform size, delicious flavor and handsome appearance; in a two-acre plot of it we could not find a malformed berry; every one was perfect and as even in size and form as if turned out of a mould. It ripens uniformly, not a green tip is ever to be found on it; the color when ripe is a glossy crimson scarlet. It is medium in size, juicy and solid to the centre and of a delightful flavor; in fact, this is one of its excelling merits, and is the cause of its having been in demand by the finest hotels and private families in New York since the fruit was first sold there. It is an all-seasons berry, ripening early and bearing late, perfecting its fruit to the last berry as perfectly as the first one.

Its growth is strong, but not rampant; the foliage is a healthy dark green and not too plentiful, thus allowing the berries to ripen well and evenly. It is an abundant bearer, yielding as much per plant as the most prolific, and on account of its prolonged fruiting is more valuable than those which perfect their crop in a shorter period. It is a staminate or perfect-flowered variety, and therefore can always be depended upon to produce a crop; in fact, after a close study of it for the past two years, we are convinced that it has no rival as a good all-round strawberry for the family—one that is certain to give satisfaction. We were fortunate to secure a fine stock of this unequaled variety, and although entirely new we offer it at a reasonable price, so that all our customers who are planting strawberries may secure a good supply of it this year.

Price, strong transplanted plants, $1.00 per doz., $6.00 per 100, $50.00 per 1,000.

New Strawberry, MARY. Claimed by the introducer to be the largest Strawberry yet produced; the most prolific, the most beautiful and the firmest of the extra large varieties. Conical in shape, blunt end, never cockscombed; splendid keeper; it has not as yet developed a defect. Price, $2.00 per doz., $10.00 per 100.

New Strawberry, HENRY WARD BEECHER. For enormous yield of large, firm berries, in seasons of excessive rain and seasons of drought, this is the berry to plant. It may be termed the reliable, and is superb under all manner of trials and conditions. Not so large as the Mary; it possesses, however, the same firmness and high quality. Price, $2.00 per doz., $10.00 per 100.

Haverland (P). A magnificent and comparatively new variety; very early and productive, particularly in rich, deep soil. It is exceedingly vigorous and healthy, bearing large handsome fruit of fine quality. The shape of the berries is rather long, and of a glossy bright crimson. Price, 35c. per doz., $2.00 per 100, $12.00 per 1,000.

Sharpless. One of the most popular. Plant exceedingly vigorous, very productive. Fruit large, crimson, firm and of good quality. A profitable variety for market and home. Price, 30c. per doz., $1.50 per 100, $10.00 per 1.000.

Gandy. This is the best late Strawberry yet introduced. By its use the season of strawberries is extended by nearly two weeks. The berries are of large, uniform size and shape, of bright crimson color, very handsome and showy, of superior quality, very firm, and ripen two weeks after Sharpless. Price, 30c. per doz., $1.50 per 100, $10.00 per 1,000.

Parry. For beauty, size, quality and productiveness, this variety is unsurpassed; the flavor is very fine, and the plants do well in most soils and locations. 30c. per doz., $1.50 per 100, $10.00 per 1,000.

Michel's Early. This is the only Strawberry entitled to be called "*early*," being two weeks earlier than any other variety. It is a robust, strong grower, yields bountifully, berries medium to large, handsome regular form, color bright scarlet. 30c. per doz., $1.50 per 100, $10.00 per 1,000.

Warfield. No. 2 (P). A variety that excels in size and yield, beauty and firmness the celebrated Crescent. Quality pleasant sub-acid, very vigorous grower, with bright healthy foliage. An early variety and one that we highly recommend. 30c. per doz., $1.50 per 100, $10.00 per 1,000.

Enhance. Plant vigorous, a good grower and productive. Fruit large, rather irregular, dark crimson color, firm; quality good, slightly acid. It possesses the necessary qualifications for a profitable market berry. Midseason to late. Price, 35c. per doz., $2.00 per 100, $12.00 per 1,000.

"SHUCKLESS" STRAWBERRY.

"Shuckless" Strawberry.

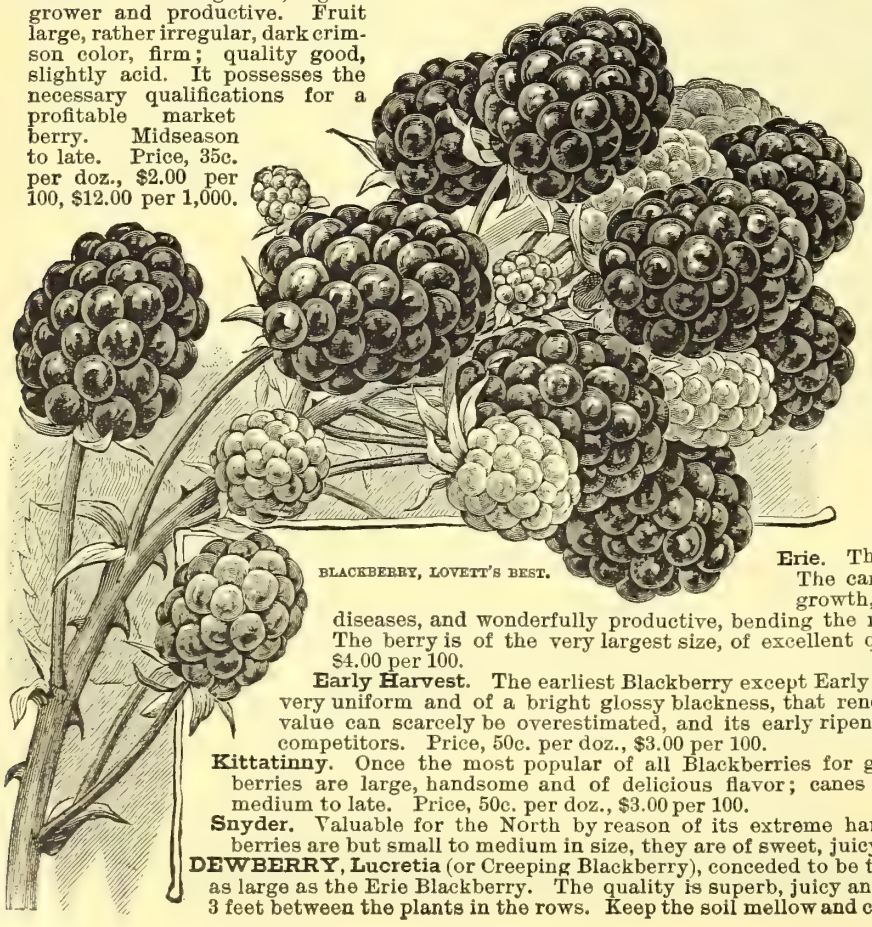
Picks from the Plant Hulled Ready for the Table.

This is the most remarkable Strawberry ever introduced, possessing the peculiarity of parting readily from the calyx or "shuck," which remains on the stem as the berries are picked. The berries are ready for the table as soon as picked, thus obviating a tedious and disagreeable task, a feature quickly appreciated by housekeepers. The plant is a strong grower, hardy, producing abundantly berries of very uniform shape, size and color, and of the best quality. As a market berry it is said to be very salable, bringing more money per quart than many others on account of its fine appearance. (*See cut.*) Price, $1.00 per doz., $7.00 per 100.

BLACKBERRIES.

How they are Grown.

The Blackberries we offer are all strong *Root Cutting* plants which are vastly superior to the "sucker plants" so largely sold. The varieties offered are the very best on the market. For garden culture Blackberries should be planted in rows five feet apart with three feet between the plants in the rows. *If wanted by mail, postage must be added at the rate of* 10c. *per doz.*



BLACKBERRY, LOVETT'S BEST.

LOVETT'S BEST. A thoroughly reliable Blackberry of large size, with a cane of ironclad hardiness. Unites not only these two invaluable properties in an eminent degree, but possesses in addition the merits of ripening early, great productiveness, entire freedom from disease, and double or rose blossom, strong, vigorous growth of cane, extra high quality, jet black permanent color and fine appearance. (*See cut.*) Price, $1.00 per doz., $6.00 per 100.

Wilson Junior. Takes the place of the old Wilson's Early; it possesses all its good qualities and is hardier and more productive, combining size, earliness and productiveness with the fine appearance and market properties of that variety. Price, 50c. per doz., $3.00 per 100.

Erie. The most popular of all the standard Blackberries. The canes are of ironclad hardiness, of the strongest growth, free from rust, double blossom and all other diseases, and wonderfully productive, bending the robust cane to the ground with the weight of fruit. The berry is of the very largest size, of excellent quality, handsome and firm. Early. 60c. per doz., $4.00 per 100.

Early Harvest. The earliest Blackberry except Early King. The berries are not of the largest size, but very uniform and of a bright glossy blackness, that renders them extremely enticing. For the South its value can scarcely be overestimated, and its early ripening brings it into market at a time when it has no competitors. Price, 50c. per doz., $3.00 per 100.

Kittatinny. Once the most popular of all Blackberries for general planting and very fine for main crop. The berries are large, handsome and of delicious flavor; canes of strong, erect growth and productive. Season medium to late. Price, 50c. per doz., $3.00 per 100.

Snyder. Valuable for the North by reason of its extreme hardiness. Wonderfully productive, and though the berries are but small to medium in size, they are of sweet, juicy flavor. Price, 50c. per doz., $3.00 per 100.

DEWBERRY, Lucretia (or Creeping Blackberry), conceded to be the finest of its class, as early as Early Harvest and as large as the Erie Blackberry. The quality is superb, juicy and melting. Set the plants in rows 6 feet apart, and 3 feet between the plants in the rows. Keep the soil mellow and clean at all times. Price, 50c. per doz., $3.00 per 100.

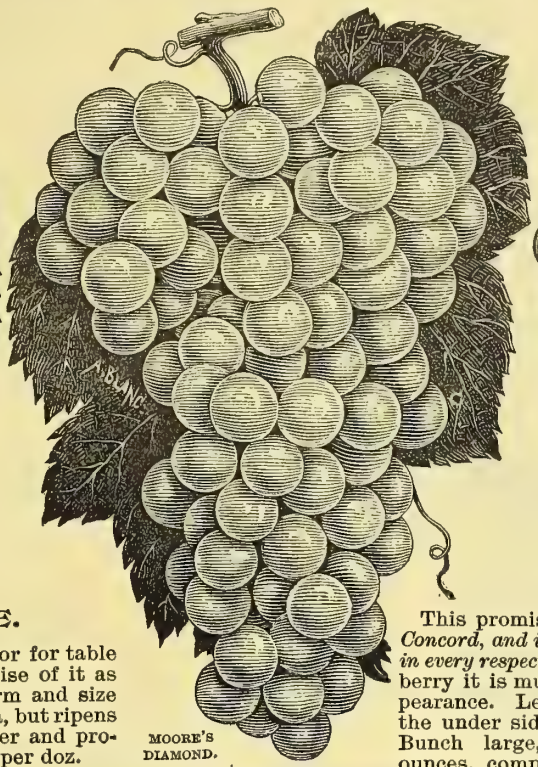
Hardy Grape Vines, BEST FAMILY VARIETIES.

All selected, strong 2-year Vines. Note reduced prices.

BRIGHTON.

"BRIGHTON" GRAPE.

This still remains the best grape in its color for table use; in fact, too much cannot be said in praise of it as to quality and other properties. In color, form and size of both bunch and berry, it resembles Catawba, but ripens early—with the Delaware. Vine a free grower and productive. Price, 2-year vines, 25c. each, $2.50 per doz.



MOORE'S DIAMOND.

MOORE'S "DIAMOND" GRAPE.

This is the product of a cross between that grand old variety, "Concord," and the highly esteemed "Iona," combining in one kind the two qualities most desired in a grape, viz., vigor and hardiness of vine with high quality of fruit. In vigor of growth, color and texture of foliage, with hardiness of vine, it is the equal of its parent, "Concord," while in quality the fruit is equal to many of our hothouse grapes. It is among the earliest and ripens from two to four weeks ahead of "Concord." (*See cut.*) Price, 2-year-old vines, from original stock, 35c. each, $3.50 per doz.

HARDY GRAPES IN VARIETY.

Agawam. (Rogers' No. 15.) Berries large, of *bronze* color; bunches of good size and form. 25c. each, $2.50 per doz.

Concord. One of the best old sorts. Bunch and berries large; color *black* with a rich bloom. 20c. each, $2.00 per doz.

Delaware. *Red;* bunches compact; berries small, sweet and of the most excellent flavor. 25c. each, $2.50 per doz.

Golden Pocklington. Very large; *deep amber* in color. One of the most attractive grapes grown. 25c. each, $2.50 per doz.

Moore's Early. Resembling the Concord in style of growth and berry, ripening two weeks earlier. 30c. each, $3.00 per doz.

Martha. One of the best *greenish white* grapes; exquisite flavor. 20c. each, $2.00 per doz.

Merrimack. (Rogers' No. 19.) Large berry; *jet black;* fine quality. 25c. each, $2.50 per doz.

Moyer. A very sweet grape; *red* in color, medium size berry, small bunch. Splendid for the table. 40c. each, $4.00 per doz.

Niagara. A grand *white* grape; hardy, fine quality. 25c. each, $2.50 per doz.

Salem. (Rogers' No. 53.) A splendid *coppery red* grape, ripening with Concord, tender, juicy, one of the very best. 25c. each, $2.50 per doz.

Worden. *Black;* very juicy, large size; early. 25c. each, $2.50 per doz.

Wilder. (Rogers' No. 4.) An excellent variety. Berries medium; bunches large; color *black.* A good bearer. 25c. each, $2.50 per doz.

***Special Offer.*—Full set of 15 Hardy Grapes for $3.50.**

EATON.

"EATON" GRAPE.

This promising new grape is *similar in foliage to Concord, and in growth, health, hardiness and quality is in every respect its equal,* while in size of bunch and berry it is much larger and more attractive in appearance. Leaf large, thick, leathery, covered on the under side with a thick brownish yellow down. Bunch large, sometimes twelve to twenty-five ounces, compact, double-shouldered; berries very large, many one inch in diameter, round, black, covered with heavy blue bloom; adheres firmly to the stem; skin thin but tough, pulp tender, separating freely from the seeds and dissolving easily in the mouth. Very juicy; ripens with Concord or a little earlier. Price, 2-year vines, 40c. each, $4.00 per dozen.

FOREIGN GRAPE VINES

(For Glass-covered Graperies.)

MUSCAT OF ALEXANDRIA. Large grape of light golden color; the most popular of the white kinds.

BLACK HAMBURG. Black.
Cannon Hall Muscat. White.
Gros Colmar. Black, a fine market variety.
Muscat Hamburg. Black.
Maddresfield Court Muscat. Black.
Royal Muscadine. White.
Trentham Black. Black.

Splendid 1-year vines, $1.00 each, $9.00 per doz. Extra large *fruiting vines* of **Black Hamburg**, $3.00 each.

BLACK RASPBERRIES. "Caps."

LOVETT RASPBERRY. The Lovett Raspberry has sustained all that has been claimed for it; and, taken all in all, has *proved itself to be by far the best black raspberry that has as yet been put upon the market.* It is of ironclad hardiness, and is the strongest in growth of cane of any. In the home garden especially its sweet fine flavor and small seeds will make it welcome, while its other prominent characteristics render it decidedly profitable for market growing. Price, $1.00 per doz., $6.00 per 100.

PROGRESS. (*Pioneer.*) Is a most profitable market sort, entirely hardy. Berries jet black, very firm and of good quality. Price, 50c. per doz., $3.00 per 100.

PALMER. A new variety and an improvement on **Souhegan,** from which it sprung. Very early and a grand fruit for either family or market, vigorous and hardy, with foliage healthy and free from rust; wonderfully productive. 50c. per doz., $3.00 per 100.

OHIO. Exceedingly productive, very hardy, and free from disease; berries of good size, jet black and of excellent quality. 50c. per doz., $3.00 per 100.

GREGG. (*Cap.*) A popular market sort. Canes of strong vigorous growth, and, under good culture, productive. Berries very large, covered with heavy bloom, firm, meaty, and of fine flavor. It requires good strong soil to produce best results and responds liberally to generous treatment. 50c. per doz., $3.00 per 100.

THOMPSON'S EARLY PROLIFIC.

RED RASPBERRIES.

(*If wanted by mail, add* 10c. *per doz.*)

THOMPSON'S EARLY PROLIFIC. Probably the best early red raspberry for general cultivation that we now have. The plant is an excellent grower; canes erect, stout and hardy. Berries are medium to large in size, of a bright crimson color, very productive. It is the earliest red raspberry we have seen, coming into bearing just as the strawberry season is over. Price, 75c. per doz., $5.00 per 100.

CUTHBERT. The leading market variety; proved of such general adaptability. Canes hardy and of strong, rampant growth, with large, healthy foliage, and exceedingly productive. Berries large, dark crimson, quite firm and of good flavor. Season late. Price, 50c. per doz., $3.00 per 100.

MARLBORO. The largest of the early red raspberries, ripening a few days later than Hansell. The canes are hardy and fairly productive. Fruit exceedingly large, bright crimson, and of fair quality. Price, 50c. per doz., $3.00 per 100.

Hansell. Profitable on account of its earliness, bright color and firmness. Canes rather small, but hardy and productive, with tough, healthy foliage. Berries large, crimson, good quality and firm. Price, 50c. per doz., $3.00 per 100.

YELLOW RASPBERRY.

Golden Queen. The most popular and best yellow Raspberry yet introduced. Of large size, great beauty, high quality, hardiness and productiveness. Fully equal to **Cuthbert** in size of fruit and vigor of growth. Price, 10c. each, 50c. per doz., $3.00 per 100. (If wanted by mail, add 10c. per doz.)

INDUSTRY GOOSEBERRY.

A Gooseberry possessing desirable qualities for table and market has long been a desideratum. The foreign varieties, wherever tried, have either mildewed more or less, or they have made an unsatisfactory growth. Hence a large, handsome sort of good quality has been much sought after. Although a foreign sort, it has done admirably for many seasons, being a vigorous grower and an immense yielder, and showing no signs of mildew. We confidently recommend it for the garden and market, being unequaled for size, flavor, productiveness and vigorous growth. Color, dark red. 20c. each, 2-year, $2.00 per doz., $12.00 per 100.

DOWNING GOOSEBERRY.

The best of the American sorts and a vast improvement upon the Houghton, of which it is a seedling. Fruit large, pale green, and of excellent quality, both for cooking and table use. Bushes stocky, vigorous, hardy, very prolific, and nearly free from mildew, but densely clothed with large, sharp spines. We recommend this as the best for general planting. 10c. each, 2-year, 75c. per doz., $5.00 per 100.

CURRANTS.

A few words about growing them.

Plant in rows four feet apart, and the plants three feet apart in the rows. As soon as the leaves turn yellow and begin to fall, remove all the old wood and cut back the young shoots a third of their length—cutting to the ground enough of these to admit air and light into the bush freely. When the currant worm appears, it can be exterminated by dissolving powdered white hellebore in the proportion of an ounce to a pail of water, and applied with a syringe upon the leaves. (See our offer of insecticides on last pages.) The 2-year plants are too large for mailing.

FAY'S PROLIFIC. Has fully sustained the broad claims which were made for it by the disseminator upon its introduction; and it is decidedly the best red currant we have. It has been widely planted and has given general satisfaction. The bush is a strong grower, wonderfully prolific, and comes into bearing early. Fruit large, bright red, and of good flavor, and less acid than Cherry, which it is rapidly superseding. Those who want a profitable red currant and do not plant this variety will miss a valuable opportunity. 2-year, $1.50 per doz., $10.00 per 100.

LARGE RED CHERRY. The most popular market sort, and uniformly the largest of all red currants except Fay's Prolific. Bunches large, berries very large, bright, sparkling crimson, beautiful, very acid. Bushes of rugged, vigorous growth and only moderately productive. 2-year, $1.00 per doz., $6.00 per 100.

WHITE GRAPE. The largest and decidedly the best *white* variety, and one of the best of any for the home garden. Bunch large and long; berry large, handsome, translucent white, and of best quality, being less acid than others. Bush free grower and very productive. This is a splendid variety for table use by reason of its beauty and fine flavor, forming a lovely contrast to the red varieties. 2-year, $1.00 per doz., $6.00 per 100.

BLACK NAPLES. A fine *black* currant and a general favorite. $1.00 per doz., $6.00 per 100.

VEGETABLE PLANTS.

Cabbage and Cauliflower

That have been *hardened off in cold frames*, and are ready to plant out at any time from *March* to end of *April*, of the following varieties:

If by mail, add 25c. *to* 100 *price.*

Cabbage. Henderson's Early Summer. Price, $1.00 per 100, $7.50 per 1,000.

—— Succession. $1.00 per 100, $9.00 per 1,000.

—— Early Jersey Wakefield. $1.00 per 100, $7.50 per 1,000. (Ready Jan. 1st.)

Cauliflower. Early Paris. $2.00 per 100, $15.00 per 1,000. (Ready Jan. 1st.)

—— Henderson's Early Snowball. $2.00 per 100, $15.00 per 1,000.

☞ *Field-grown plants of Cabbage and Cauliflower, ready June 1st. Special Catalogue of Celery, Cabbage, Strawberry and other plants will be mailed to customers about that time.*

Egg Plants (Pot Grown).

(READY MAY 15TH.)

N. Y. Improved. 10c. each, 75c. per doz., $5.00 per 100.

Black Pekin. 10c. each, 75c. per doz., $5.00 per 100.

Pepper Plants (Pot Grown).

(READY MAY 15TH.)

Large Bell or Bull Nose. 5c. each, 50c. per doz., $4.00 per 100.

Sweet Mountain. 5c. each, 50c. per doz., $4.00 per 100.

Lettuce.

Boston Market. $1.00 per 100, $7.50 per 1,000.

Curled Simpson. $1.00 per 100, $7.50 per 1,000.

Rhubarb Roots.

St. Martin's. A new English variety, now grown largely for the London market. It is not only immensely productive, but it is also one of the earliest, and, above all, it has a rich, spicy flavor, very similar to the gooseberry, when used for pies or tarts. 20c. each, $2.00 per doz., $12.00 per 100.

Linnæus. The standard variety. 15c. each, $1.50 per doz., $10.00 per 100.

TOMATO PLANTS.

(*All transplanted plants.*)

(READY MAY 1ST.)

Early Ruby. 30c. per doz., $2.00 per 100.

Table Queen. 30c. per doz., $2.00 per 100.

Perfection. 30c. per doz., $2.00 per 100.

Dwarf Champion. 30c. per doz., $2.00 per 100.

Acme. 30c. per doz., $2.00 per 100.

Paragon. 30c. per doz., $2.00 per 100.

The Trophy. 30c. per doz., $2.00 per 100.

The Mikado. 30c. per doz., $2.00 per 100.

Ponderosa. 40c. per doz., $3.00 per 100.

We supply only superior unadulterated fertilizers. Prices subject to variations. We make no charge for cartage and placing on board steamers or cars in New York. We shall be pleased to make special quotations to those using large quantities. WE WILL MAIL SAMPLES FREE ON APPLICATION.

BONE FERTILIZERS.

These are the true phosphatic manures, containing forty to fifty per cent. phosphate of lime and nitrogen equal to about four per cent. of ammonia. They decompose slowly in the soil and therefore form excellent permanent improvement, being less likely than almost any other kind of manure to waste in rainy seasons, particularly on sandy soils. There is no danger of burning the plants, whether applied as top dressing or directly to the roots. Excellent for top-dressing lawns and grass land, for garden and field crops; we can also recommend them highly for florists' purposes, for rose beds, mixing with potting soil, etc.

Quantity Required. *For permanent pasture and mowing lands, ½ to 1 ton per acre. For trees and vines, 2 to 4 quarts each. For top dressing, 1,000 to 1,500 lbs. per acre. For field and garden crops, ¾ to 1 ton broadcasted and harrowed in. For rose beds, pot plants, etc., 1 part to about fifty of soil.*

Bone Meal, Flour or Dust. This is ground very fine, decomposes more rapidly in the soil than the coarser grades, and is therefore more quickly beneficial.

Price, 1 lb. package, 10c. *(by mail, 15c. per lb. extra).* 5 lb. package, 30c.; 10 lb. package, 50c.; 25 lb. bag, $1.25; 50 lb. bag., $2.00; 100 lb. bag, $3.50; 200 lb. bag, or barrel, $6.00; per ton of 2,000 lbs., $45.00.

Ground Bone. This is moderately fine and particularly adapted for general fertilizing purposes; the finer particles are immediately beneficial, the coarse keeping up the supply of plant food for a long period.

Price, per 100 lb. bag, $3.00; 200 lb. bag, $5.00; per ton of 2,000 lbs., $42.00.

Pure Crushed or Coarse Bone. This is largely used for pasture lands, being rather slow but permanent in action, and it is also indispensable in the preparation of grape vine borders—for fruit trees, small fruits, etc.—where a lasting fertilizer is required.

Price, per 100 lb. bag, $3.00; 200 lb. bag, $5.50; per ton of 2,000 lbs., $45.00.

BONE SUPERPHOSPHATE.

Benefits the crops more quickly than with any other form of bone, and on account of its readily available properties promotes early maturity, and it is invaluable for most crops, affording constant nourishment during their entire season's growth. In case of rotation of crop it is nearly as valuable for the last as for the first.

Quantity required. *For garden and field crops, 500 to 600 lbs. per acre; for garden crops it is best drilled in at seed-sowing time. For top-dressing grass, 600 lbs. per acre.*

Price, per bag of 200 lbs., $3.75; per ton of 2,000 lbs., $35.00.

Henderson's Permanent Pasture Manure.

Especially intended for use on pasture or mowing lands.

Quantity required. 1,000 *to* 2,000 *lbs. per acre.*

Price, per bbl. or bag of 200 lbs., $6.00, or per ton of 2,000 lbs., $50.00.

PULVERIZED SHEEP MANURE.

A pure natural manure, and most nutritious for plants. Its effect is immediate and lasting. Excellent for mixing with the soil for greenhouse plants (one part manure and six parts soil). Strewn over and dug into the vegetable garden, or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes a rich, safe and quick Liquid Manure; one pound to five gallons of water can be used daily, if necessary, with safety. In bags of 100 lbs. each, $3.50; ¼ ton, 5 bags, $15.00; per ton, 20 bags, $45.00. In packages of 2 lbs., 15c.; 4 lbs., 25c.; 10 lbs., 50c. *(If by mail, add 15c. per lb. for postage.)*

ROTTED BONE MANURE.

This is one of the best fertilizers for its price that have ever come under our notice. Mr. Wm. Crozier, who first called our attention to it, states that used on farm crops for mangels, potatoes, turnips, fodder corn, etc., it is one of the most valuable fertilizers that he ever tried. At the low price at which it is sold, it will be seen that it makes an exceedingly cheap fertilizer. One reason why it is sold so low is that it is not ground up as fine as most of the fertilizers that are offered in the market.

Quantity required. *It should be broadcasted on and harrowed in at the rate of* 1,500 *lbs. per acre.*

We offer it in two grades, as follows: **Plain,** $22.00 per ton (of 2,000 lbs.); **Decomposed with Potash,** $24.00 per ton (of 2,000 lbs.)

Ashes—Unleached Hard Wood.

These contain all of the fertilizing elements except nitrogen. Ashes correct sourness in the soil, rendering sandy soils more capable of retaining fertilizers and making clay soils less stiff and more easily worked. They drive away insects, and are indispensable for all crops requiring potash. They are very beneficial for garden and field crops.

Quantity required. *Ashes should be applied in considerable quantities,* 1 *to* 2 *tons per acre, as one heavy application will help much more than the same quantity would, applied in fractions.*

Price, per bbl. of about 200 lbs., $3.00; per ton of 2,000 lbs., in barrels, $24.00; car-load lots of about 20 tons, in bulk, at $20.00 per ton.

LAND PLASTER, OR GYPSUM.

It is an excellent addition to land requiring lime and sulphates, particularly for such crops as turnips, potatoes, grasses and clovers. Its fertilizing action is not so much due to its value as a plant food, as to its absorbing and fixing ammonia and rendering soluble the inert plant foods of the soil so that the growing crops can take them up.

Quantity required. *Broadcasted and harrowed in, ½ to 1 ton per acre.*

Price, per bag of 200 lbs., $1.00; per ton, $9.00.

BLOOD AND BONE.

Manufactured of pure blood and bone. The fertilizer is a very concentrated source of nitrogen yielding ammonia, etc., by gradual decomposition, and, in consequence, is superior for prolonged results; it is of exceptional value for garden crops, for mangels, turnips and other root crops, and also for corn, grain and grasses, for fruit trees, small fruits, grape vines, and in fact all kinds of vegetation and all soils, but especially so on light soils.

Quantity required. *When applied broadcast and harrowed in, from ½ to 1 ton per acre should be used. For garden crops it can be applied in the drill,* 300 *to* 500 *lbs. per acre.*

Price, per barrel of about 200 lbs., $5.00; per ton of 2,000 lbs., $45.00.

NITRATE OF SODA.

This is valuable solely for the nitrogen it contains, equal to twenty per cent. of ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two weeks, and besides renders the mineral plant food of the soil more assimilable. It is valuable for grain, fodder corn, sugar beets, potatoes, grasses, peas, beans, clover, etc., and is generally an effectual remedy for clover sick land.

Quantity required. *Being extremely soluble it should not be applied until the plants are above ground, when 100 to 500 pounds per acre, mixed with wood ashes or land plaster, for convenience in applying, are generally used.*

Price, per 5 lb. package, 30c.; 10 lb. package, 50c.; 25 lb. bag, $1.25; 50 lb. bag, $2.00; 100 lb. bag, $3.50; 300 lb. bag, $9.00; $55.00 per ton.

MAPES' CELEBRATED FERTILIZERS.

	Per bag of 200 lbs.	Per ton of 2,000 lbs.
Potato manure	$4.50	$43.00
Corn "	4 25	41.00
Onion "	4.75	44.00
Cabbage and cauliflower manure	4.25	40.00
Fruit and vine "	4.25	40.00
Orange and fruit tree "	4.25	39.00
Grass and grain spring top dressing	4.25	41.00
Complete manure, "A" brand	4.00	37.00
" " for general use	4.25	40.00
" " for heavy soils	4.50	42.00
" " for light soils	4.75	44.00
Vegetable " for all soils	4.75	44.00
Early vegetable and truck manure	4.75	44.00
Nitrogenized superphosphate	3.75	35.00

Mapes' Descriptive Pamphlet Mailed Free on Application.

BOWKER'S FOOD FOR FLOWERS.

An excellent fertilizer for house plants. Easily applied by dissolving in water. Clean to handle, without odor, produces rich green growth and profusion of flowers.

Price, small packages, 15c., or by mail, 20c. Large packages, enough for twenty plants one year, 25c., or by mail, 40c.

PERUVIAN GUANO. A cargo is expected in February. Price quoted on application.

HENDERSON'S LAWN ENRICHER.

A fertilizer which we have found to be never-failing in inducing a rapid and rich green growth to the lawn. It meets the wants of hundreds who desire a clean, portable and convenient lawn dressing.

Quantity required. *A* 10 *lb. package is sufficient to go over an area of* 300 *square feet, or for forming a new lawn, from* 1,000 *to* 1,500 *lbs. per acre, or a smaller quantity for renovating an old one.*

Prices, 5 lb. package, 30c.; 10 lb. package, 50c.; 25 lb. package, $1.25; 50 lb. bag, $2.00; 100 lb. bag, $3.75; per ton of 2,000 lbs., $60.00.

Our new book,
"Injurious Insects and Plant Diseases, with Remedies."
See details of contents on page 7.

REMEDIES FOR INSECTS.

ANT DESTROYER.

A non-poisonous powder which will destroy or drive away black ants from lawns, trees, plants, houses or other affected locality. *Price,* ¾ lb. can, 50c., or by mail, 60c.

Dust liberally near haunts.

CARBOLIC SOAP.

For freeing animals from insects and washing the bark of trees and plants for scale, lice, etc. *Price,* 1 lb. cake, 15c., or by mail, 30c.

Dissolve 2 oz to a gallon of water and apply with brush, sponge or spray.

CARBOLIZED SOAP (Fluid).

For peach, apple and other tree borers, also for washing trees to prevent attacks of animals or vermin. 1 gallon cans (makes 12 gallons paint), $1.00 per can.

COLE'S LIQUID INSECTICIDE.

A combination of alcohol and other chemicals, for mealy bug, red spider, scale and aphis; we use it extensively in our greenhouses; it needs no further preparation, and is one of the most convenient and effectual for ladies to use on house plants. *Price,* ½ pint tin, 50c.; by mail, 65c.

Apply, undiluted, with a vaporizer.

FIR TREE OIL.

The most popular and probably for "all round" purposes the best insecticide in the market for greenhouse and house plants; it frees plants of nearly all insects to which they are subject, and for the following it has no superior: Mealy bug, scale, red spider, aphis (black and green), thrip, blight, worms and slugs, and is also a valuable remedy for animal parasites and insects. *Price,* ½ pint tin, 40c.; pint, 75c.; qt., $1.40; ½ gal., $2.50; gal., $4.25; *if by mail, add 25c. per pint.*

Dilute ½ pint to about 10 gallons of soft or rain water, (for tender plants or young growth make weaker). Spray on with vaporizer, syringe or bellows.

GUICIDE POWDER.

A Combined Fungicide and Insecticide.

Especially recommended for potato blight, potato rot, mildew, rust, grapevine flea beetle, potato bugs, slugs, codling moths, curculio, strawberry crown borers, etc. This article contains both insecticide and fungicide ingredients, taking the place of Paris green and London purple, and saving the cost of one application where fungicide treatment is needed as well. It can be used either as a powder or in solution. 2 lbs. to a barrel of water. *Price,* 5 lb. pkg., 50c.; 25 lb. box, $1.75.

KEROSENE EMULSION (Concentrated).

For plant lice of any kind, cabbage worm, scale insects on apple, pear, orange, lemon and other trees. *Price,* 1 quart can, 30c.; 1 gallon can, 50c.; 5 gallon tin buckets, $1.75; 50 gallon barrel, $10.00.

Mix 1 gallon Emulsion to 15 or 20 gallons water, according to strength required. Spray on with syringe or force pump.

HELLEBORE, POWDERED WHITE.

For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris green and London purple and safer to use when fruits or vegetables are nearly ripe. *Price,* 25c. per lb.; or by mail, 40c.

Dry Application. *Dust on dry, or mix 1 lb. with 4 lbs. of powdered lime or flour, dust on with powder duster or bellows or gun.*

In Solution. *Dissolve 1 oz. to 3 gallons of water; apply with syringe, pump or vaporizer.*

LONDON PURPLE.

Very poisonous and equally as efficacious as Paris Green and more soluble in water. *Price,* 25c. lb.; 10 lb. lots and over at 20c. per lb. *If by mail, add 15c. per lb. for postage.*

Use in the same way as Paris green.

PARIS GREEN.

A poisonous, insoluble powder, indispensable on the farm or garden—for preventing the ravages of potato bugs, codling moth, worms, caterpillars, slugs and bugs. *Price,* 25c. per lb.; 10 lbs. and over at 23c. per lb. *If by mail, add 15c. per lb. for postage.*

Dry Application. *Mix with plaster, flour or other dilutant—one part to 100; apply with duster, bellows or gun.*

In Solution. *Mix 1 lb. to 200 or 300 gallons of water. Apply with pump, syringe or vaporizer.*

Bait. *For cut worms, mix 1 oz. with 8 ozs. of syrup; mix thoroughly with fresh chopped grass or leaves.*

PERSIAN POWDER or BUHACH.

Henderson's Superior Grade.

Cheap adulterated grades are worthless. A most effective *non*-poisonous impalpable powder—so fine that it penetrates the innermost crevices—for worms, flies, aphis, and almost all kinds of insects—it is very effectual—suffocating them by filling up the breathing pores. *Price,* 40c.; 10 lbs. and over, at 35c. lb. *If by mail, add 15c. per lb. for postage.*

Dry. *Blow on with a bellows or gun.*

Solution. *Dissolve 1 oz. to 3 gallons of water, and apply with syringe or pump.*

QUASSAINE.

This is a Concentrated Fluid Extract Quassia, held in suspension by Whale Oil Soap—adopted and officially recommended by the State Horticultural Board of Washington, as a cheap and reliable non-poisonous insecticide for hop lice, aphis and all scale insects; nothing better for rose bushes and house plants. Quart cans (25 gallons wash), $1.00 per can; 1 gallon cans (100 gallons wash), $1.50 per can; 2 gallon cans (200 gallons wash), $2.50 per can.

THRIP JUICE.

A concentrated extract, arseniated, destructive for mealy bug, scale, thrips, bark lice, codling moth, canker-worm, elm leaf worm, beetles, caterpillars, etc. *Price,* ½ pint can, 30c.; 1 pint, 50c.; 1 qt., 75c.; 1 gal., $2.00; 5 gal. keg, $7.00.

Mix ½ pint to 25 gallons of water and spray on with syringe, vaporizer or pump.

SLUG SHOT.

A non-poisonous powder and a very popular insecticide—it requires no further mixing or preparation—easily applied and not injurious or dangerous to animals, the person applying it or fruits and vegetables treated. Very effectual in destroying potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. (*By express or freight only.*) *Price,* per barrel of 235 lbs. net, $8.00; in 10 lb. packages, each, 45c.; 5 lb. packages, 25c.; in tin cannister, with perforated top for applying, 25c. each; by mail, 35c.

Apply with duster, bellows or gun, 10 to 40 lbs. is sufficient for an acre.

TOBACCO DUST, FINE.

For green and black aphis, fleas, beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. *Price,* 10c. per lb.; 5 lbs., 35c.; 10 lbs., 65c.; $3.00 per barrel; per ton, $25.00. *If by mail, add 15c. per lb. for postage.*

For insects on plants, apply with powder duster or bellows.

For worms or grubs in the soil, apply liberally to the surface and rake in, or strew thickly in the drills before planting.

TOBACCO EXTRACT.

A powerful extract of tobacco combined with sulphur for destroying plant lice, red spider, and insects of all kinds. *Price,* ½ pt., 30c.; pt., 50c.; qt., 75c.; gal., $2.00.

Dilute 1 part to 10 or more of water and apply with syringe, vaporizer or pump.

For insects at the root, dilute as above, and apply with watering-pot sufficient to reach the roots.

TOBACCO STEMS.

Indispensable for fumigating greenhouses and conservatories—for the destruction of green and black aphis and other insects. *Price,* 50 lb. bale, $1.00; 100 lb., $1.75; per ton, $20.00.

Dampen thoroughly a few hours before using, place about a half pound over a handful of shavings in a fumigator, and light.

TOBACCO SOAP.

Effective for green and black aphis, turnip fleas, slugs, bark lice, etc. *Price,* 35c. per lb.; or by mail, 50c.

Dissolve 2 ozs. in a gallon of water and apply with pump, syringe or vaporizer.

WHALE OIL SOAP.

Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. *Price,* 15c. per lb.; 2 lbs., 25c.; 5 lbs., 50c.; 25 lbs. and over, at 8c. per lb.; *if by mail, add 15c. per lb. for postage.*

For insects on plants, dissolve ¼ lb. to a gallon of water; apply with syringe or spraying pump.

For bark insects, etc., dilute with water to consistency of thick paint, and apply with brush.

REMEDIES FOR FUNGUS, such as Mildew, Rust, Black Rot, Etc.

COPPERDINE.

(*Ammoniacal solution of carbonate of copper.*)

A famous remedy for fungoid diseases of plants, particularly for grapes, curing downy and powdery mildew, black rot, scab, etc. *Price,* quart can, 50c.; 1 gallon cans, $1.50; 10 gallon carboy, $1.35 gal.; 50 gal. barrel, $1.25 gal. *By express or freight only.*

Dilute 1 pint to 10 or 12 gallons of water; apply with Knapsack sprayer or bellows vaporizer.

SULPHO-STEATITE POWDER.

For lettuce mildew, powdery and downy mildew of the grape, rose mildew and other fungus diseases affecting plants under glass. Used as a dust. 5 lb. boxes, 60c.; 25 lb. boxes, $2.00.

GRAPE DUST (HAMMOND'S).

A non-poisonous powder for the remedy and control of mildew and rot on grapes, gooseberries, roses, etc. *Price,* 5 lb. pkg., 35c.; 100 lb. keg, $5.00. *By express or freight only.*

Apply with bellows or powder gun.

FLOWERS OF SULPHUR.

For the prevention and destruction of mildew on roses and other plants. *Price,* 10c. per lb.; 10 lbs., 60c.; 25 lbs. and over, at 5c. per lb.; *if by mail, add 15c. per lb. for postage.*

Apply with bellows or gun.

BORDEAUX MIXTURE.

(*Standard Strength.*)

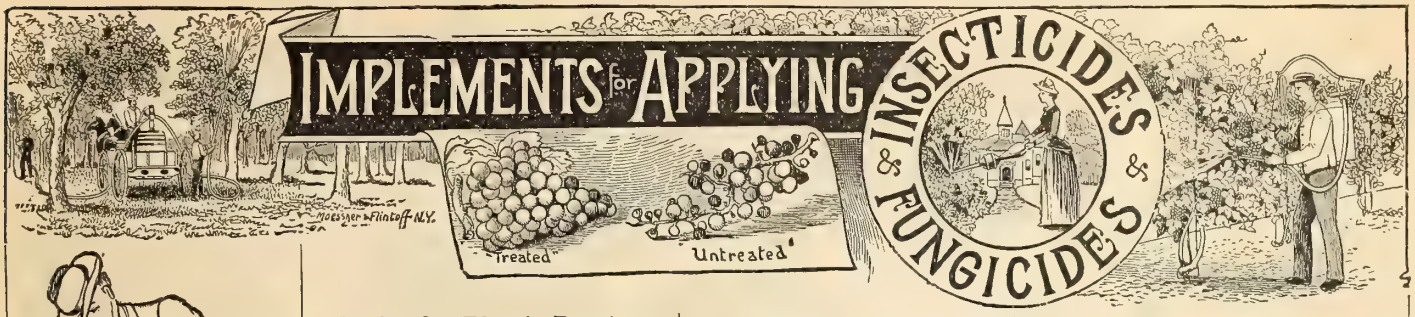
A valuable and indispensable fungicide for grape growers—thereby insuring larger crops and finer grapes, and preventing failure. A sure cure and preventive for black rot, mildew and rust, also of great value for other plants suffering with kindred diseases. *Price,* 20 lb. pkgs., $1.00. *By express or freight only.*

Dissolve 10 lbs. to 25 gallons of water, and apply with Knapsack sprayer or vaporizer.

GUICIDE POWDER.

A combined fungicide and insecticide.

(*See under "Remedies for Insects."*)



NORTON'S PLANT DUSTER.

Norton's Plant Duster.

This is one of the best articles for dusting potatoes, vines, etc., with powder insecticides. A slight jolting movement distributes the dust in a fine cloud. It is made scientifically correct with a cylinder air-chamber projecting above the powder so that it never clogs. Another point of merit is the projecting dust guard, which prevents the powder from escaping beyond the plant being treated. (*See cut.*) Price, $1.00 each.

Leggett's Powder Gun.

IMPROVED FOR 1894.

For applying insect powders in a dry form on plants or trees, the powder being evenly distributed over a wide space and with the least possible waste; the work being more rapidly done than by any other known implement. It is 24 inches long, with four extra tubes which when attached make the whole length seven feet, weighs 4½ lbs., and holds one quart of powder. By turning the crank a fan is rapidly revolved, which forces a current of air through the tubes that carries with it a small portion of powder. The quantity may be increased or diminished as desired. Any dry powder, such as Paris Green, London Purple, Hellebore, Insect Powder, Lime, Plaster, Flour, etc., can be used to great advantage. Price, complete, $7.00.

HENDERSON'S PORTABLE HAND FORCE PUMP.

Henderson's Portable Hand Force Pump.

This is the best and most durable portable hand pump in the market. Made of solid brass, very light and easily carried and works from any bucket or tub. Throws a stream 30 ft., or a spray 20 ft.; just the thing for throwing liquid insecticides on low trees, shrubs, plants, etc. (*See cut.*) Price, $5.00.

EUREKA FUMIGATOR.

POWDER GUN.

Powder Gun.

For applying insect powders on pot plants, etc. (*See cut.*) Price, 2 oz. size, 15c. *Postage, 5c. each extra.*

Eureka Fumigators.

For fumigating greenhouses with dampened tobacco stems; made of galvanized sheet iron; a damper regulates the draft; no danger of fire; no ashes or litter. (*See cut.*) No. 1, 12 in. high, $1.50; No. 2, 16 in. high, $1.85; No. 3, 20 in. high, $2.25; No. 4, 24 in. high, $3.00.

Hydronette.

Throws a stream 30, or a spray 20 feet; handy and light; made of solid brass; very durable. (*See cut.*) Price, complete, $5.00.

SEND FOR OUR
"Special Catalogue
—OF—
Insecticides & Appliances."
Gives a more complete list of Insecticide and Fungicide Distributers.
Sent free on application.

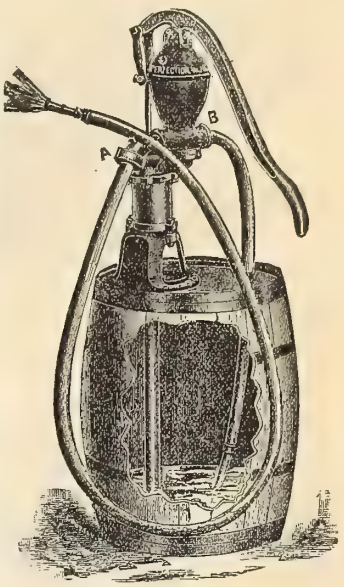
Field's "Perfection" Spraying Outfit.

One hundred trees per hour can be sprayed with this pump. It is fitted with ten feet of discharge hose and a graduating Spray Nozzle. At the aperture "B" is attached three feet of return hose, so that, at every stroke of the pump, a small part of the liquid is redischarged into the barrel, which keeps the liquid well mixed. There is also a tight cap furnished to close up opening "B" when desired. The pump has 3-inch cylinder, and is furnished with iron suction pipe, with a fine strainer at bottom ready to mount on a barrel. Weight, 55 lbs. (*See cut.*) **Price of outfit, complete** (*not including barrel*), with Iron Cylinder, Plunger and Rod, $9.00; with Brass Cylinder, Plunger and Rod, $10.00.

Bamboo Extension Rod. 8 feet long, with ball valve connections and stop cock, $6.00.

The Improved Knapsack Sprayer.

This valuable arrangement, invented by the U. S. Agricultural Department, is used for applying Bordeaux mixture and other fluid remedies in a mist-like spray, for the treatment of grapes and other vegetation, for the prevention and cure of mildew, black-rot and kindred diseases. The machine is made entirely of copper and brass and the chemicals will not corrode or rust it. The air chamber keeps up a pressure, so a continuous discharge is given. No grape-grower can afford to be without it. (*See cut.*) (*See page 154 for fungicides ready for mixing.*) Price, $12.00.



"PERFECTION" SPRAYING OUTFIT.

WOODASON'S VAPORIZING BELLOWS.

This throws a spray as fine as mist, rendering the use of strong solutions perfectly safe on tender foliaged plants; it forces the fluids into every crevice, without using half the quantity required by syringe or sprinkler. (*See cut.*) Price, large size, $2.00. Small size (for house use), $1.25.

Woodason's Double Cone Powder Bellows.

This bellows is the best article ever invented for destroying insects in the Conservatory, Garden, Orchard or Field; it will kill every bug upon one acre of potatoes, under the leaves as well as on top, in an hour; it will blow powder into fruit trees. This bellows can be held in any direction without wasting powder, as it regulates its own supply, and it does not clog up. Price, $2.75.

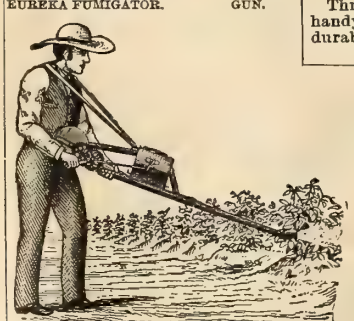
Woodason's Single Cone Powder Bellows.

Price, large size, $1.75. Small size, for conservatory and house use, $1.00.

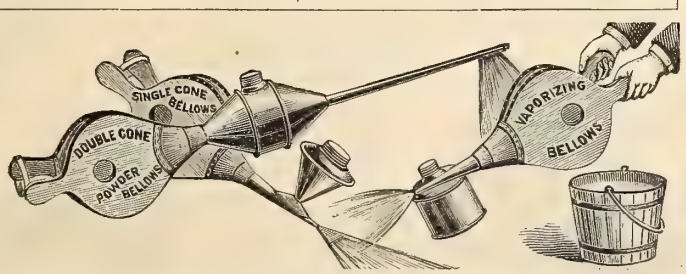
Florence Vaporizer.

For spraying fluids on house and garden plants. Price, 60c. each, or by mail, 75c.

KNAPSACK SPRAYER.



LEGGETT'S POWDER GUN, IMPD. FOR '94.

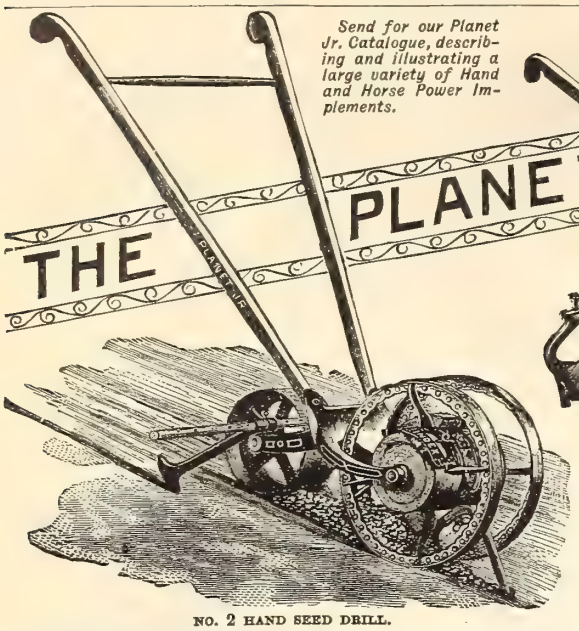


WOODASON'S BELLOWS, FOR POWDER AND FLUID.

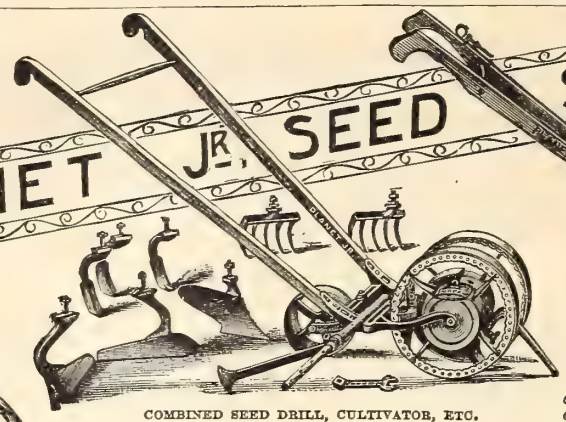
HYDRONETTE.

THE PLANET JR. SEED SOWERS

Send for our Planet Jr. Catalogue, describing and illustrating a large variety of Hand and Horse Power Implements.



NO. 2 HAND SEED DRILL.



COMBINED SEED DRILL, CULTIVATOR, ETC.

HILL DROPPING SEED DRILL.

Send for our Planet Jr. Catalogue, describing and illustrating a large variety of Hand and Horse Power Implements.

Peter Henderson & Co.'s Special Low Net Prices.

PLANET HAND IMPLEMENTS.		PLANET HORSE IMPLEMENTS.	
Hill Dropping Drill	$10 00	**Horse Hoe** and Cultivator combined, all Steel, with lever wheel. No. 6	$8 50
Combined Hill Dropping and Fertilizer Drill	15 00	**Market Gardeners' Horse Hoe**	8 50
No. 2 Hand Seed Drill	7 50	**Beet Growers' Horse Hoe**	8 00
Combined Drill, Cultivator, etc.	10 00	**Twelve-tooth Harrow,** Cultivator and Pulverizer, complete	8 50
Double-wheel Hoe, complete	6 75	**Pulverizer** and **Leveler**	8 50
Plain Double-wheel Hoe, 1 pr. Hoes	4 00	**Double Celery Hiller**	9 50
Single-wheel Hoe, complete	5 00	**Single Celery Hiller**	8 00
Hand Plow	2 15		
Furrower, Marker, Hiller and **Ridger** combined, horse power	$12 00	**Sweet Potato Horse Hoe**	8 50
Nine-Tooth Horse Hoe and Cultivator combined	12 50	**Plain Cultivator,** with lever wheel, horse power	6 25

"Planet Jr." No. 2 Hand Seed Drill.

This Standard Drill holds two and a half quarts. It sows all garden seeds in a continuous row, accurately, any desired thickness or depth. It opens, drops, covers and rolls down and marks the next row, all at one time, in the most perfect and reliable manner. Its construction is simple, it runs easily, and its sowing devices are in no way dangerous to the vitality of the seed. It will sow a single thimbleful of fine seed with regularity for a hundred feet, and will work five pounds with the same perfection. The continual revolution of the hopper keeps the seed in a loose condition, and makes the sowing of Carrot, Parsnip, Beet, Salsify, etc., easy and satisfactory. The plow is directly between the wheels, and therefore opens the furrow at a perfectly regular depth, and the covering is also very accurate. **Our Net Price, $7.50.** (Manufacturer's price, $9.00.) Weight, packed, 40 lbs.

"PLANET JR." HAND SEED DRILL, Combined with Wheel Hoe, Cultivator, Rake and Plow.

As a seed drill it is exactly the same as the No. 2, described above, except in size; it holds one quart. The tools sent with each machine are shown in the cut. As a cultivating and hoeing implement, it does practically the same range of work as the "Double-wheel Hoe," described below.

Taken as a whole, this combined tool is the nearest approach to perfection for the use of a gardener that can well be devised. **Our Net Price, $10.00.** (Manufacturer's price, $12.00.) *Weight, packed, 40 lbs.*

THE PLANET JR. "HILL DROPPING" HAND SEED DRILL.

Sows either in hills or in a continuous row.

This splendid new machine holds two quarts of seed and sows it with great regularity, whether full or nearly empty, at any depth from ½ to 2 inches deep. It will sow any kind of seed, whether as fine as Celery or as coarse as Beans, either in hills, 4, 6, 8, or 12 inches apart, or in a continuous drill, and is easily changed in a moment from one to the other. It opens the drill, sows the seed, covers it, rolls it, and marks the next row, all at one operation. It sows equally well in any soil, on the level or on ridges; can be thrown in or out of gear instantly, so the discharge of seed can be stopped at the end of the row.

Sowing in hills uses much less seed, saves much thinning out, and insures more vigorous plants at even distances. Weight, 44 lbs. **Low Net Price, $10.00.** (Manufacturer's price, $12.00.) *We have an extra attachment for sowing Onion Seed for sets, distributing the seed 4 inches wide. Price, 50c.*

The Planet Jr. "Hill Dropping" Hand Seed Drill Combined with Fertilizer Attachment.

The seed-sowing arrangement of this drill is exactly the same as the one described above, with a fertilizer attachment in addition. The fertilizer hopper holds one peck; the machine will sow either seed or fertilizer alone, or both at one time, as desired; it will sow fertilizer either above or below the seed, and the quantity can be accurately gauged by dials—the discharge of either or both may be stopped or started instantly, separately or together. Weight, packed, 58 lbs. **Our Net Price, $15.00.** (Manufacturer's price, $18.00.)

THE PLANET JR. HAND CULTIVATING AND HOEING TOOLS.

Hoeing Between Rows.

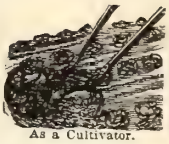
Hoeing Both Sides.

Earthing Up.

Cultivating Two Rows.

Hoeing Away.

Hoeing Both Sides.

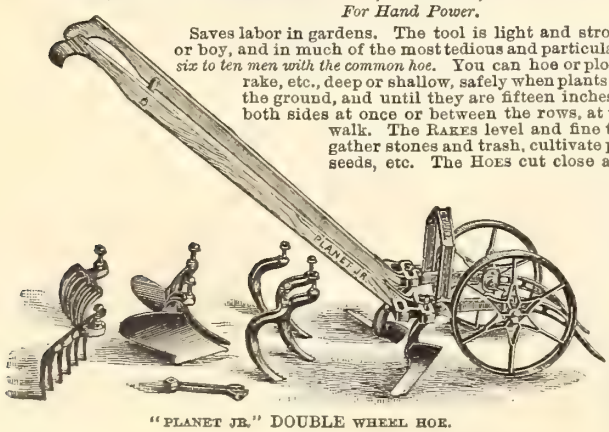


As a Cultivator.

As a Plow.

"Planet Jr." DOUBLE Wheel Hoe, Cultivator, Rake and Plow Combined. *For Hand Power.*

Saves labor in gardens. The tool is light and strong, can be used by man or boy, and in much of the most tedious and particular work it *does as much as six to ten men with the common hoe.* You can hoe or plow to or from, cultivate, rake, etc., deep or shallow, safely when plants are just coming through the ground, and until they are fifteen inches high, and all the time both sides at once or between the rows, at the speed of a moderate walk. The RAKES level and fine the ground for planting, gather stones and trash, cultivate plants when small, cover seeds, etc. The HOES cut close and clean, killing everything they meet, leaving the ground level. The CULTIVATOR teeth mellow the soil deep or shallow. The PLOWS lay out deep furrows and cover them and hill-up or plow away, as desired. The LEAF GUARDS lift aside overhanging foliage and leave them uninjured. They are detachable. **Our Net Price, $6.75.** (Manufacturer's price, $8.00.) Weight, packed, 35 lbs.



"PLANET JR." DOUBLE WHEEL HOE.

The "Planet Jr." SINGLE Wheel Hoe, Cultivator, Rake and Plow Combined. *For Hand Power.*

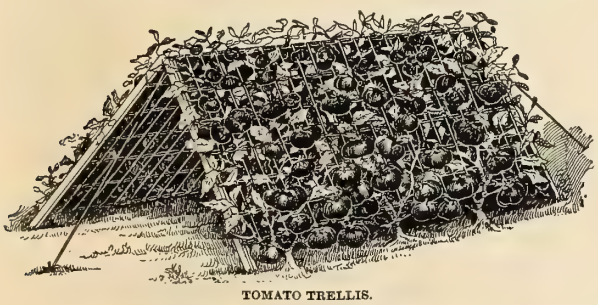
This does the same range of work as the Double Wheel Hoe, excepting that it will not straddle the plants as well when they are large, and in place of two plows this is furnished with one larger plow; the other attachments are the same on both machines. The wheel can be attached AT ONE SIDE OF THE FRAME to cultivate both sides of a row of small plants. All rows from six to eighteen inches apart can be perfectly hoed at one passage. **Our Net Price, $5.00.** (Manufacturer's price, $6.00.) Weight, packed, 26 lbs.

"PLANET JR." SINGLE WHEEL HOE, COMPLETE.

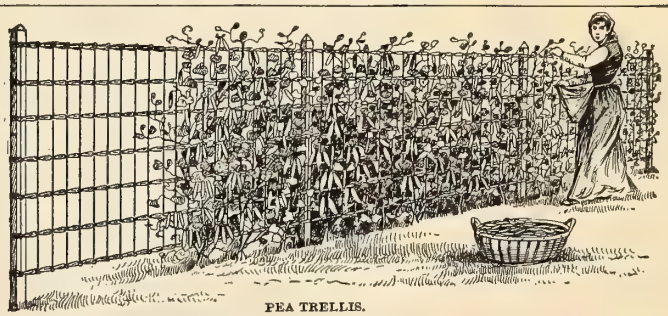
The barrel is raised from the ground, carried to the place desired and *instantly detached*, all *without handling*. The weight being balanced over the axle, no lifting or down pressure is needed in transportation. Other barrels for various purposes can be used as needed, extra trunnions being furnished, if desired, which can be readily attached to any barrel, thus increasing the value of the Truck. We have wheels of 1½, 2½ and 4 inch tire, *but always send Truck with wheels 1½ inch tire unless otherwise specified.* **We also supply as extra attachments the following: A Box** with trunnions and spring catch, making a very superior *dumping* Hand-cart. **A Sprinkler,** invaluable for watering lawns and sprinkling walks. Water is turned on and off by hand wheel and ball valve. **A Force Pump** can be used for washing windows and carriages, spraying trees, watering plants and hot-beds. It is all brass, works very easily, and throws a stream 40 feet, and is well adapted for spraying trees and shrubbery with insecticides. **A Leaf Rack,** very useful for removing leaves and litter. (*Knocks down for shipment.*)

PRICES.

Truck and Barrel, 1½ in. tire.....$10.00	Extra Barrel, with trunnions on.....$2.50	Leaf Rack.....$4.00
" " 2½ " 11.00	Extra Trunnions, per pair..... .50	Sprinkler Attachment..... 2.50
" " 4 " 12.00	Hand-cart Box..... 2.75	Force Pump Attachment..... 5.00



TOMATO TRELLIS.



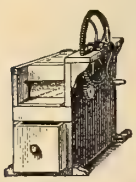
PEA TRELLIS.

Randall's Galvanized Wire Garden Trellis.

FOR PEAS, TOMATOES, VINES, ETC.

A great improvement in Garden Trellis, indispensable in every well-kept garden, easily put up, more tidy than brush, practically indestructible. Can be rolled up, stored away and used again year after year. Tomatoes grown on this trellis are clean, ripen more evenly and are less liable to rot. Cucumbers and other vines can be advantageously trained on the tomato trellis, economizing space and insuring cleaner and better matured fruits. This trellis, 46 inches wide, is made of best galvanized wire, and is furnished in 10 foot lengths, stake at each end and one in the centre.

Prices, Pea Trellis, per 10 foot length, **75c.; Double Tomato Trellis,** per 10 foot length, **$1.50.**



BOX PATTERN.

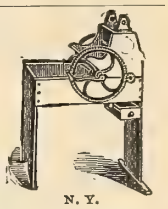
HORSE-RADISH GRATERS.

BOX PATTERN.

This machine is small, compact and very convenient to use. Can be operated by one person. Will grate about 15 lbs. an hour. Weight, 32 lbs. Price, Perforated Tin Cylinder, $7.00; with Wooden Cylinder studded with steel pins, $8.50.

NEW YORK PATTERN ON LEGS.

A very popular machine for grating horse-radish and similar substances; will grate finely and evenly 20 lbs. per hour. Weight, 75 lbs. Price, Perforated Tin Cylinder, $8.50; Wooden Cylinder, studded with steel pins, $10.00; treadle attachment, extra, $3.50.

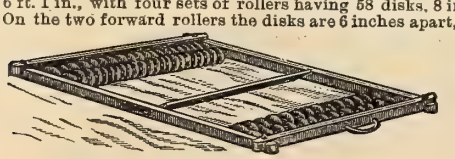


N. Y. PATTERN ON LEGS.

THE MEEKER SMOOTHING HARROW.

STEEL DISKS.

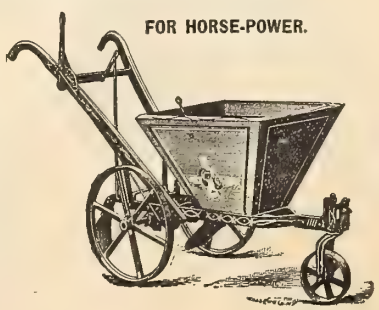
The disks grind all lumps so fine that seed must come up, and mashes small stones below the surface better than any field roller; it levels the ground at the same time, which a field roller does not do. A splendid substitute for a rake for garden purposes, or for seeding down. It pulverizes and grades, leaving the ground in as fine a condition as could possibly be done by hand. No market gardener or farmer can afford to be without it. The frame is 6 ft. 8 in. x 6 ft. 1 in., with four sets of rollers having 58 disks, 8 inches in diameter, on them. On the two forward rollers the disks are 6 inches apart, and on the two rear rollers 3 inches apart. The disks on each set of rollers work between each other. The board in the centre is set at an angle; is adjusted up and down, and acts as a leveler. Price, with Steel Disks, $23.00.

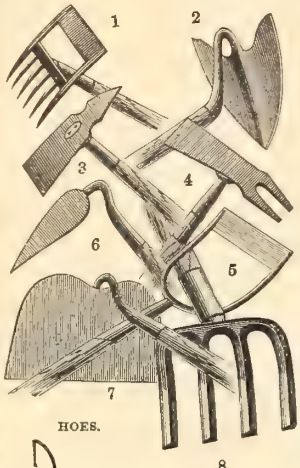


KEYSTONE FERTILIZER DISTRIBUTER.

FOR HORSE-POWER.

Indispensable for Market Gardeners, Cotton and Tobacco Planters, as well as for Truckers and Farmers. It is strongly made and handsomely finished. Superior to any machine on the market. Positive Force Feed. Will sow 200 lbs. to 280 lbs. to the acre with perfect regularity. Will sow all kinds of fertilizer. The box will hold a bag of fertilizer. The machine is thrown out of gear and the shovel raised by one operation. We use an improved Swivel Clevis, all Steel Frame and Cold Rolled Steel Shafts. We can ship these machines completely knocked down, thus saving freight. Price, $16.00.





HOES.

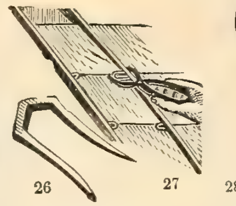
21 BILL HOOK.

22 DIBBER.

23 WEEDING FORK.

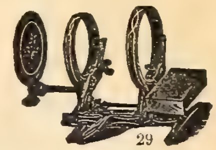
24 GRAFTING CHISEL.

25 GARDENERS' GLOVES.



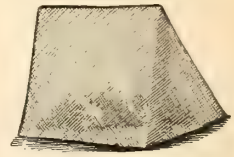
26 27 GLAZING POINTS AND PINCERS.

28 PRUNING HATCHET.

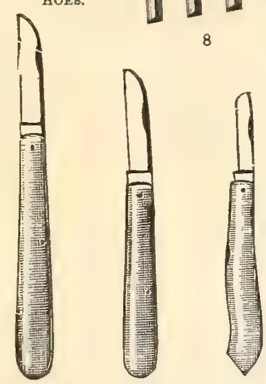


29 ASPARAGUS BUNCHER.

30 TEMPORARY CHRYSANTHEMUM HOUSE.
See "Protecting Cloth."



31 HENDERSON'S PLANT PROTECTOR.



9 10 11 BUDDING KNIVES.

12 13 14 15 PRUNING KNIVES.

MISCELLANEOUS TOOLS, IMPLEMENTS, REQUISITES, TYING MATERIAL, ETC.

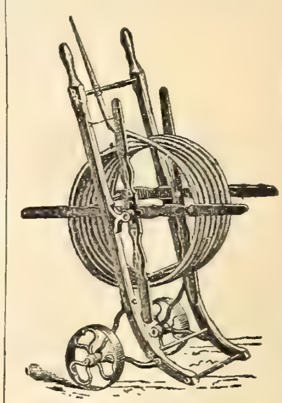
Asparagus Buncher (*fig.* 29), *latest and best buncher* $3 00
Axe, handled, light, $1.00, heavy....... 1 25
" mattock, 85c.; with handle........ 1 00
Bill Hook (*fig.* 21), *for shrubbery*........ 1 25
Brush, Steel Tree, *for displacing cocoons and insects on the bark*............ 1 50
Brush Hook, axe handled............ 1 15
Dibbers (*fig.* 22) 40
Floral Tools, set of 4; small 50
" " set of 4; long handled.. 1 00
Forks, Digging, 4 prong, 75c.; 5 prong 90
" **Manure,** 4 tine, 75c.; 5 tine.... 85
" **Hay,** 2 tine, 35c.; 3 tine 45
" **Hand-weeding** (*fig.* 23)....... 15
Fruit Picker, Wire, *can be attached to pole of any length*.................... 25
Fruit Picker, Brazee's, with pole (*fig.* 39) 1 25
" " " without pole... 1 00
Grafting Chisels (*fig.* 24)............ 65
Garden Lines, 100 ft., braided........ 50
Gardeners' Gloves, goat (*fig.* 25)..... 1 00
" " rubber 1 50
Glass Cutter and **Glazing Tool**..... 10
Glazing Points, Van Reyper's, *glass, cannot slip* (*fig.* 26), per 1,000 75
Pincers *for applying above* (*fig.* 27)...... 50
Gardening Tools.—Youth's Set. Cast-steel, durable and of real use. CONTAINS **Spade** (30 *in. long, blade* 5 *in. wide*). **Hoe** (48 *in. long, blade* 5½ *in. wide*). **Rake** (48 *in. long,* 6½ *in. wide*). **Trowel** (5-in. blade). **Excelsior Hand Weeder** (10 *in. long*), (*fig.* 37½). Weight for shipping, 5½ lbs.
Price, entire set of 5 pieces........ 1 00
Grafting Wax, ¼ lb., 10c.; ½ lb., 20c.; per lb., 30c.; by mail, 15c. per lb. extra.
Grass Hooks.......................... 50
Hatchets, broad pruning (*fig.* 28) 75
Hoes, Draw (*fig.* 7), 5, 6, 7, 7½ and 8 in. 35
" **Scuffle** (*fig.* 5), 5 in., 50c.; 6 in., 55c.; 7 in., 60c.; 8 in., 65c.; 9 in., 70c.; 10 in., 75c.; 12 in..... 85
" **Warren** (*fig.* 2) 55
" **Prong,** or potato hook (*fig.* 8)... 40
" **Onion** (*fig.* 3), 1 prong.......... 25
" " 2 prong (*fig.* 4)........... 30
Hoe and Rake, combined (*fig.* 1), 4 teeth, 35c.; 6 teeth................... 45
Hose, Rubber, *including couplings:*
Best Quality, *all new rubber.*
¾ in., per 25 ft., $4.00; per 50 ft.... 7 50
1 in., per 25 ft., 5.50; per 50 ft....10 50
Good Quality, ¾ in., per 25 ft...... 3 00
" " " per 50 ft 5 75
1 in., per 25 ft., $3.75; per 50 ft.... 7 00
Hose Menders (*fig.* 36), ¾ in., 6c. each; per doz., 60c. 1 in., 10c. each; per doz. 1 00
Hose Nozzle, brass, *with spray tip and stop cock,* ¾ inch, 75c.; 1 inch......... 1 00
Hose Nozzle, Graduating (*fig.* 37), *spray and stream,* ¾ inch.............. 60
Hose Reels, Bent Leg (*fig.* 34), holding 100 feet, $2.00; holding 200 feet... 2 50
Hose Reel, "All Iron" (*fig.* 35), for 100 feet, $3.00; for 200 feet........... 3 50
Knives, Budding, ivory handles, No. 9, $1.25; No. 10, $1.25; No. 11......... 1 25
Knives, Pruning, stag handles, No. 12, 85c.; No. 13, $1.25; No. 14, $1.00; No. 15, $0 90
Knives, Asparagus................. 30
Mats, for Hot Beds. *Made of straw.*
3 x 6 ft., $12.00 doz..............each 1 25
6 x 6 ft., 22.00 " .... " 2 00
Mole Traps, Hale's (*fig.* 40), *best trap* 2 00
Labels, Wooden. *Garden Labels are put up in packages of* 100; *pot, plant and tree labels in packages of* 500.

				Plain.	Painted.
Garden Labels,	8	in.,	per 100,	$0 40	$0 50
" "	12	"	"	50	65
Pot "	4	"	per 1000,	60	80
" "	5	"	"	80	1 00
" "	6	"	"	1 00	1 25
Plant Notched,	2½	"	"	45	60
Tree Notched,	3½	"	"	50	65
" **Pierced,**	3½	"	"	60	85
" **Wired,**	3½	"	"	1 50	1 75
" "	2½	"	"	1 25	1 50

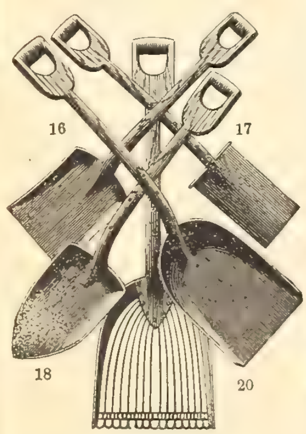
Picks, handled......................... 75
Plant Protectors, Henderson's (*fig.* 31), *Galvanized wire frames, covered with protecting cloth.* Each, 25c.; per doz.... 2 50
Protecting Cloth (*fig.* 30), *specially prepared to prevent mildewing and rotting; valuable for forwarding and protecting early plants from frosts, covering hot-beds and frames in spring in lieu of glass, and for throwing over bedding plants at night in fall, for Chrysanthemum houses, etc., at one-tenth the cost of glass. Samples and circular mailed on application.*
Heavy Grade, per yd................$0 12
per piece of 40 yds.................. 4 50
Medium Grade, *best for general purposes,* per yd., 10c.; per piece of 50 yds. 4 25
Light Grade, *for tobacco plants,* per yd., 6c.; per piece of 60 yds.......... 2 50
Plant Sprinklers, Rubber (*fig.* 32), ½-pint size, 50c.; ⅔-pint size, 75c.; 1 pint size, $1.00 (postage 10c. each extra).
Putty Bulb, Rubber (*fig.* 33). *For glazing. A pressure with the hand ejects the putty along the sash bars.* $1.00 each; by mail.....$1 10
Pruners, Waters' Tree (*fig.* 58), 4 ft. 85
6 ft., $1 00; 8 ft., $1.15; 10 ft., $1.25; 12 ft., $1.50; extra knives...... 20
Pruners, Tel'g'ph Tree, *opr'td by cord* 1 25
" **Gooseberry,** *for bushes.* ... 75
Raphia, *splendid tying material,* per lb. 20
Reels, *for Garden Lines* (*fig.* 41)....... 90
Rakes, Steel Garden (*fig.* 264), 6 teeth, 30c.; 8 teeth, 35c.; 10 teeth, 40c.; 12 teeth 45c.; 14 teeth, 50c.; 16 teeth.......... 55
" **Short Tooth** (*fig.* 262), 12 teeth, 45c.; 14 teeth, 50c.; 16 teeth 55
" **Steel Bow** (*fig.* 263), *best and most durable,* 12 teeth, 50c.; 13 teeth, 55c.; 15 teeth........... 60
" **Wooden, Hay** (*fig.* 265), 3 bow, 12 teeth 35
" **Lawn** (see page 160).
Saw, Pruning (*fig.* 42), double edge, 16 in., 60c.; 18 in., 70c.; 20 inch....... 80
Saw, Pruning, and Chisel combined (*fig.* 43)............................. 1 00

32 PLANT SPRINKLER.

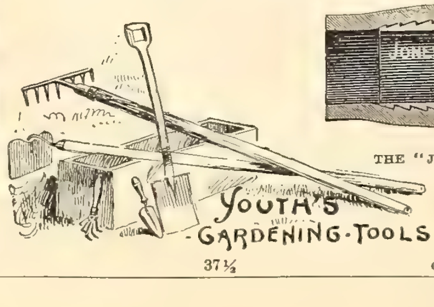
33 PUTTY BULB.



34 BENT LEG HOSE REEL.

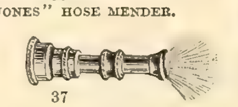


16 17 18 19 20 SHOVELS, SCOOPS AND SPADES.

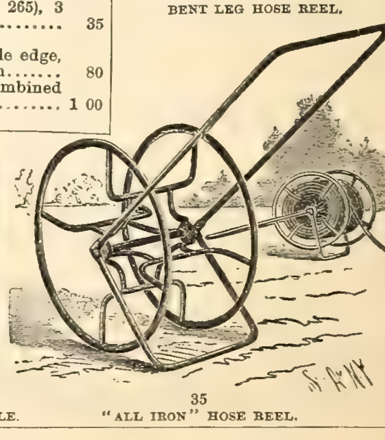


37½

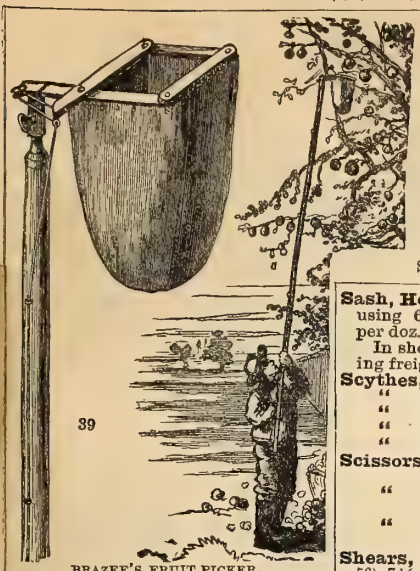
36 THE "JONES" HOSE MENDER.



37 GRADUATING SPRAY HOSE NOZZLE.

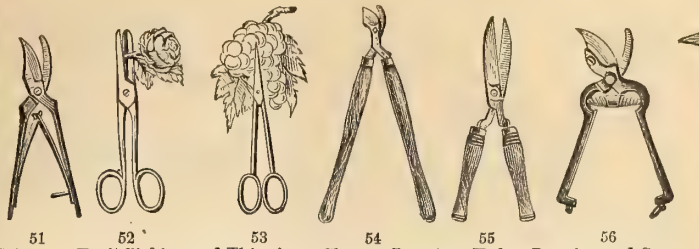


35 "ALL IRON" HOSE REEL.



39

BRAZEE'S FRUIT PICKER.



51 52 53 54 55 56 57

Scissors—Fruit Picking and Thinning. Shears—Lopping, Hedge, Pruning and Grass.

58

Sash, Hot-bed, Unglazed, 3 x 6 ft., using 6 x 8 glass, each.....$1.00
per doz., $11.00.
In shooks (not put together), making freight less, per doz., $8.50; each 75
Scythes, Lawn, broad blades..... 1 00
" **Grass**..... 75
" **Bush,** short blades..... 75
" **Snaths** (or handle), patent, 80
" **Stones** (*see page* 160)..... 10
Scissors, Flower and Fruit Picking (*fig.* 52)..... 75
" **Grape Thinning** (*fig.* 53), *for thinning the bunch*..... 75
" **Ladies' Light Pruning** (*fig.* 51), 7 inch..... 50
Shears, Pruning, solid steel (*fig.* 56), 7½ inch, $1.00; 8½ inch, $1.15; 9½ inch..... 1 25
Levin's Patent, $1.25; large..... 1 75
Shears, Pruning, malleable, with steel blade, 8 inch..... 50
" **Hedge** (*fig.* 55), 8 inch blade, $1.50; 9 inch, $1.75; 10 inch, $2.00; (*with notch* 25c. *extra.*)
" **Lopping** (*fig.* 54)..... 2 00
" **Grass** (*see page* 160)..... 1 00
" **Grass Edging** (*see page* 160)
" **Lawn** (*see page* 160)..... 2 75
Shovels (*fig.* 16), smooth back, 85c.; Ames' extra quality..... 1 25
" Round Point (*fig.* 18)..... 85
" **Scoops** (*fig.* 20), No. 2, 85c.; No. 3, $1.00; No. 4..... 1 25
" **Wire Potato** (*fig.* 19)..... 1 50
Spades, smooth back..... 85
" Ames' extra quality..... 1 25
Syringes, *made of solid brass, in the best manner, and highly finished. Those with the patent valve will fill very quickly.*

PRICES OF SYRINGES.

No. A (*fig.* 44). Barrel, 13½ x 1 3-16 in. 1 *spray and* 1 *stream rose*..... 2 00
No. 2 (*fig.* 45). Barrel, 13½ x 1 5-16 in. 1 *coarse and* 1 *fine spray and* 1 *stream rose*..... 3 75
No. 10 (*fig.* 46). Barrel, 18 x 1½ in. 1 *coarse and* 1 *fine spray and one stream rose with patent valves, and elbow joint for sprinkling under the foliage*..... 6 00
No. 11 (*fig.* 47). *Same as No.* 10 *without patent valves, with elbow joint*..... 5 00
No. G. Barrel, 16 x 1½ in. 1 *spray and* 1 *stream rose* (*fig.* 48) *and elbow joint*... 4 50
No. H. Barrel, 18 x 1½, sheet brass, 1 *stream rose*..... 2 00

Stakes, Square Green, Tapering.

2 ft...	each,	3c.;	per doz.,	25c.;	per 100,	1	50
3 ft...	"	4c.;	"	40c.;	"	2	75
4 ft...	"	5c.;	"	50c.;	"	3	50
5 ft...	"	6c.;	"	65c.;	"	4	25
6 ft...	"	7c.;	"	80c.;	"	5	50

Stakes, Round Green Tapering.

2 ft...	each,	3c.;	per doz.,	25c.;	per 100,	1	75
3 ft...	"	5c.;	"	50c.;	"	3	50
4 ft...	"	7c.;	"	75c.;	"	5	00
5 ft...	"	8c.;	"	90c.;	"	6	50

Stakes or Dahlia Poles. *Round Green, Fancy Turned White Tops.*

2 ft...	each,	3c.;	per doz.,	30c.;	per 100,	$2	00
3 ft...	"	5c.;	"	50c.;	"	3	50
4 ft...	"	7c.;	"	75c.;	"	5	00
5 ft...	"	10c.;	"	$1 00;	"	6	50
6 ft...	"	14c.;	"	1 50;	"	10	00

Thermometers.

(All tested and guaranteed.)

Siexe's Self-Registering (*fig.* 69). *Registers both heat and cold.*
White enameled case, 8 inch..... 2 75
White enameled case, with porcelain scale, 8 in..... 3 50
Greenhouse Distance (*fig.* 71). *Plain, readable porcelain scale, ranging from* 20 *to* 100 *deg., red spirits*..... 1 00
Parlor. Boxwood case, 12 inch..... 1 50
Ebony (*fig.* 68). Porcelain scale, red spirits, 8 inch, $1.25; 10 inch, $1.50; 12 inch, $2.00; 14 inch..... 2 50
Plate Glass (*fig.* 70). With brass supporters, 8 inch, $1.50; 10 inch, $1.75; 12 inch, $2.00; 14 inch..... 2 25
Ordinary Japanned Tin Cases (*fig.* 67). *Not guaranteed.* 7 inch, 15c.; 8 inch, 20c.; 10 inch, 25c.; 12 inch..... 30
Hot-bed and Mushroom Bed (*fig.* 72). Brass mounted, and tipped, made especially for plunging..... 2 00
Tree Scraper (*fig.* 57)..... 40

Tree Tubs (*fig.* 38), **White Cedar.**

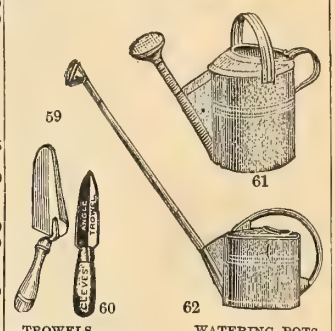
Heavy iron hoops, drop handles, iron legs, removable perforated bottoms. Painted green outside and brown inside. Painted red if desired at an extra cost of 10 *per cent.*

No.	Outside Diam.	Length of Stave.	Price.
0	27 inches	24 inches	$7 00
1	25 "	22 "	6 00
2	23 "	20 "	5 00
3	21 "	18 "	4 00
4	18 "	16 "	3 50
5	16 "	14 "	3 00
6	14 "	12 "	2 50
7	13 "	11 "	2 25
8	12 "	10 "	2 00

Trowels, ordinary (*fig.* 59), 5 inch, 10c.; 6 inch, 15c.; 7 inch..... 20
Trowels, solid steel (*fig.* 59), 6 inch, 45c.; 7 inch, 50c.; 8 inch..... 55
Trowels, Cleves Angle (*fig.* 60), *very handy narrow trowel*..... 20
Watering Pots (*fig.* 61), galvanized iron, 6 qt., 80c.; 8 qt., 90c.; 10 qt., $1.00; 12 qt., $1.25; 16 qt..... 1 50
Watering Pots, French (*fig.* 62), 6 qt., $1.50; 8 qt..... 1 75
Fine roses for watering pots, extra..... 20
Weeders, Excelsior (*fig.* 63)..... 10
" **3 cornered** (*fig.* 66)..... 20
" **Hazeltine's** (*fig.* 64)..... 25
" **Jenning's** (*fig.* 65)..... 15

43 41

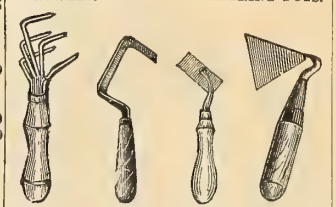
GARDEN REEL.



59 61

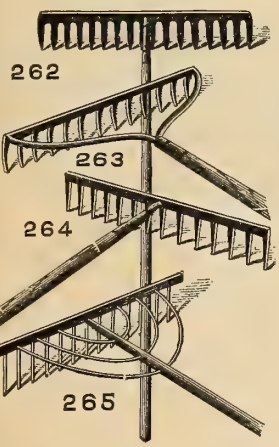
60 62

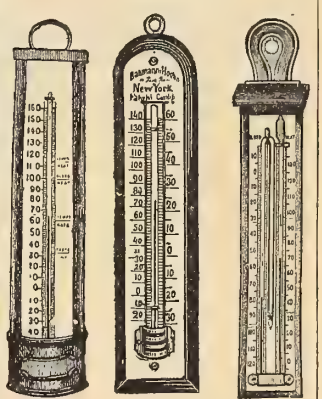
TROWELS. WATERING POTS.



63 64 65 66

WEEDERS.





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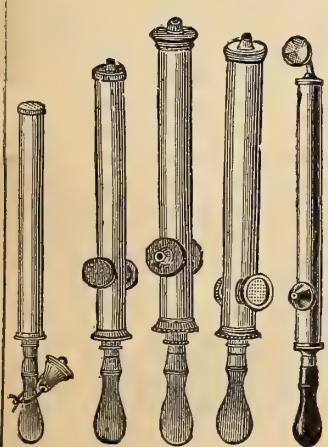
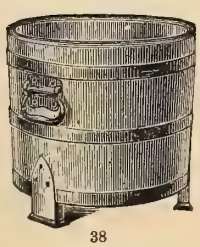


44 45 46 47 48

BRASS SYRINGES.



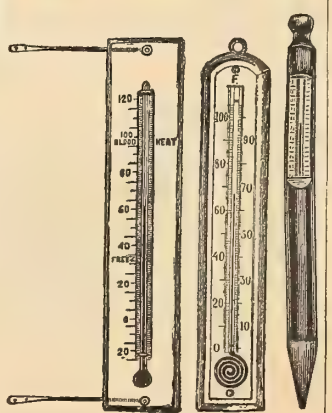
38

TREE TUBS.

40

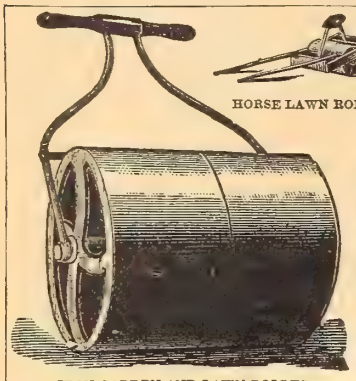
42

PRUNING SAWS.



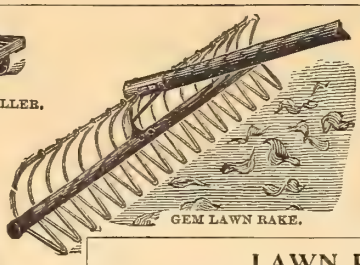
70 71 72

THERMOMETERS.

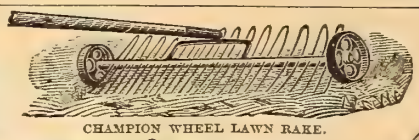


IRON GARDEN AND LAWN ROLLER.

HORSE LAWN ROLLER.



GEM LAWN RAKE.

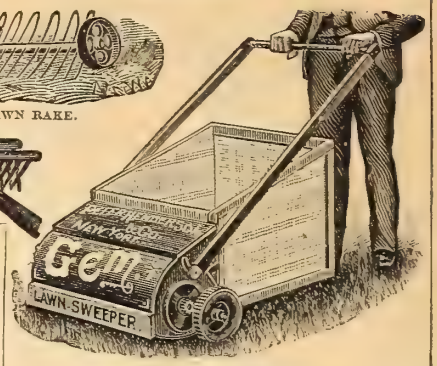


CHAMPION WHEEL LAWN RAKE.

SELF-CLEANING LAWN RAKE.

LAWN RAKES.

Automatic Self-Cleaning. 22 teeth, 75c.; 26 teeth, 85c.
The Gem. The guard prevents the rubbish from falling over back, and the teeth will not catch in the ground. Price, 50c. ea.
Champion Wheel. Can be used either as a grass or leaf rake, reversible handle. 25½ inches long, 28 teeth. Price, $1.00 each.
Common Wood. 3 bow, 22 teeth. 40c. each, $4.00 per doz.



GEM LAWN SWEEPER.

GRASS EDGING SHEARS.

IRON LAWN ROLLERS, Hand Power.

Detachable weights attached to the central shaft; always keep the handle up and clean.

SIZE AND PRICES.	Width of Roller.	Height of Roller.	Weight, about	Net Prices.
No. A. 2 Section.	15 inch.	15 inch.	125 lbs.	$6.00
" C. 1 "	20 "	20 "	220 "	10.00
" D. 2 "	24 "	20 "	300 "	13.00
" E. 3 "	36 "	20 "	450 "	18.00
" G. 2 "	24 "	24 "	400 "	16.00
" I. 2 "	24 "	28 "	500 "	18.00

IRON LAWN ROLLER, Horse Power.

With shafts and seat. 4 sections, each 20 in. high by 12 in. wide, making roller 4 ft. wide, weighing about 650 lbs. The weight can be increased by loading. Net price, $33.00.

THE "GEM" HAND LAWN SWEEPER

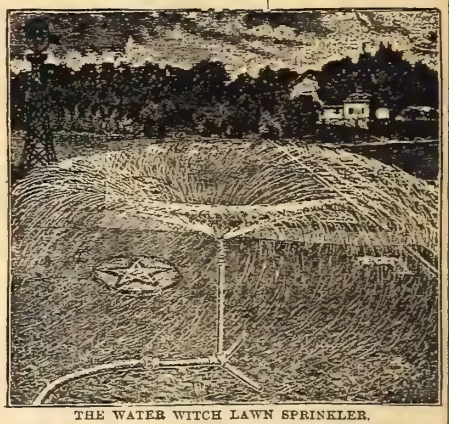
Will thoroughly clean a lawn of all loose and dead grass, leaves, twigs and even small stones and dirt. It works rapidly, easily, and does its work thoroughly. A revolving brush and rapidly revolving fan are the principles of its operation. By raising or lowering the handles the brush is raised or lowered so it will sweep down to the roots or pass over the surface as desired. It works equally well on long or short grass. Every machine guaranteed to give satisfaction. For shipment they "knock down" and pack closely.

Low Net Prices, 18 in., weighs 30 lbs., $8.00; 24 in., weighs 34 lbs., $10.00; 30 in., weighs 38 lbs., $12.00.

LAWN SHEARS.

THE HENDERSON LAWN SPRINKLER.

Grass Edging or Border Shears. For trimming the overhanging grass around the edges of walks, etc. Price, with 9 inch blade, $2.50, or with wheel, $3.00.
Lawn Shears. For cutting grass under shrubs, fences, etc. Price, with 2 wheels, 9 inch blades, $2.75.
Weed Cutter. A chisel-blade, with foot-rest, so it can be pressed, cutting off roots of weeds without marring the lawn. Price, 50c.
Grass or Turf Edging Knives. For trimming the borders of walks, etc. Price, complete with handle, 50c. each.
Lawn Scythes. Broad blades. Sizes, 32, 34, 36 and 38 inch. Price, each, $1.00.
Scythe Snaths or Handles. With patent fastening. Price, each, 80c.
Scythe Stones and Rifles. Best quality. *Round Ohio*, 10c. each; *Flat Ohio*, 5c.; *Imported German*, very fine grit, 10c.; *Rifles*, 3 triple emery coated, 10c.
"Curved Handle" Grass or Sheep Shears. Extra long, 7½ inch blades. The handles are curved to prevent rubbing the knuckles on the ground. Price, $1.00.
Grass Hooks (Sickles). Extra quality steel that will hold an edge. Price, 50c. each.



THE WATER WITCH LAWN SPRINKLER.

LAWN SPRINKLERS.

The Henderson. The water is distributed in fine drops over an area 60 to 90 feet. A standard, 4 feet high, is surmounted with long perforated arms which revolve, so the beautiful sprays are constantly changing. (*See cut.*) Prices, for a 4-arm sprinkler, $3.00; 8-arm, $3.75.

The Ball and Basket Attachment.
This fits on top of the 4 or 8 arm Sprinkler, and the stream of water keeps the ball dancing on its summit up in the air. Price, $2.75 extra.
The "Arc." Will sprinkle in a full circle, or in a half circle, to the right or to the left. Price, $1.75 each, or by mail, $1.90.

The Water Witch. The waterflow is unimpeded, scattering in fine drops evenly over a circular area of twenty-five to forty feet diameter. Price, without stand (*i. e., with spur to stick in the ground*), 75c. each; by mail, 85c. each. Price, with stand (*see cut*), $1.25 each.
Pomona 4-Arm, on Stand. Stands about 18 inches high; works even under a low pressure. Price, $2.50 each.
Pomona 2-Arm, with Spur to stick in the ground. Price, $1.75 each.
Perfection, with spur to stick in the ground, 75c., or by mail, 85c.

GRASS EDGING KNIFE.

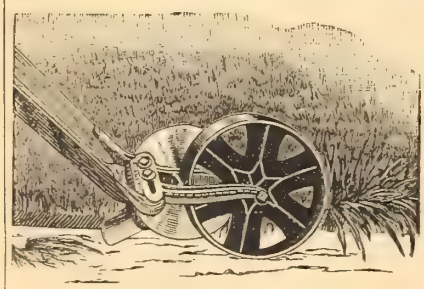
GRASS HOOK.

LAWN EDGERS.

"Planet Jr." The revolving cutter trims the turf around the edges of the flower beds, walks, etc., while the hoe cleans the bottom of the walk. Price, **Extra Heavy,** *complete, weight 30 lbs.*, $5.00. **Light,** *complete, weight 20 lbs.*, $3.60.
Revolving Verge Cutter. For trimming the turf around the edges of walks and flower beds. Price, $1.00.

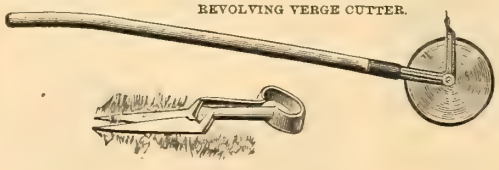
Our "Low-Priced" Hand Lawn Mower.

There being quite a demand among customers who have but a small lawn or grass plat for a cheap Lawn Mower, we therefore offer the best of this class. It will cut just as well as a high-priced Mower for a time, depending upon the amount of work it has to do. Prices (*strictly net*). No charge for packing or cartage. 10 inch, $3.50; 12 inch, $3.75; 14 inch, $4.00; 16 inch, $4.25.



THE "PLANET JR." LAWN EDGER.

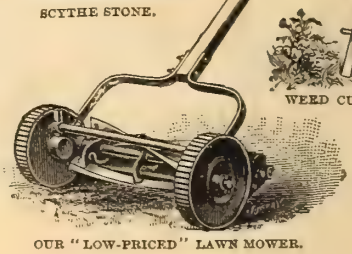
REVOLVING VERGE CUTTER.



GRASS SHEARS.

SCYTHE STONE.

WEED CUTTER.



OUR "LOW-PRICED" LAWN MOWER.

New Excelsior Horse Lawn Mower.

WE guarantee this to be the best and most perfect Horse Lawn Mower manufactured. It is used exclusively by the Government, and on the largest public and private lawns in the country. They are furnished with shafts, seat and side draft attachment, which keeps the horse on the cut grass only. Each Mower warranted to give complete satisfaction.

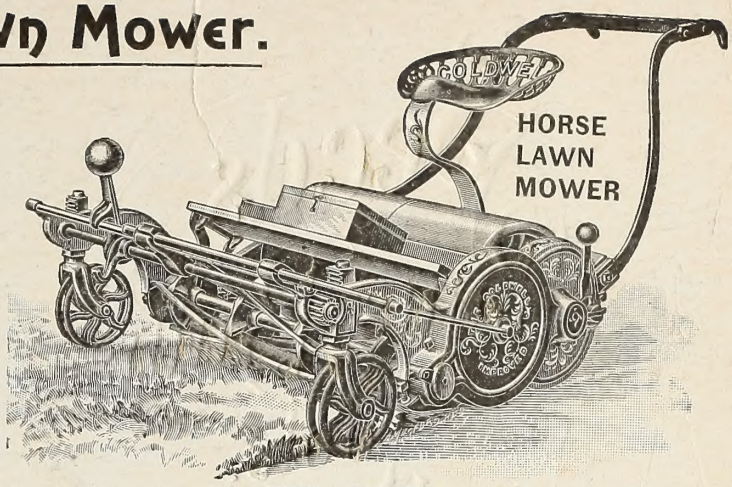
LOW PRICES (strictly net). No charge for packing or cartage.

30 INCH CUT, $60.00. 35 INCH, $75.00. 40 INCH, $90.00.

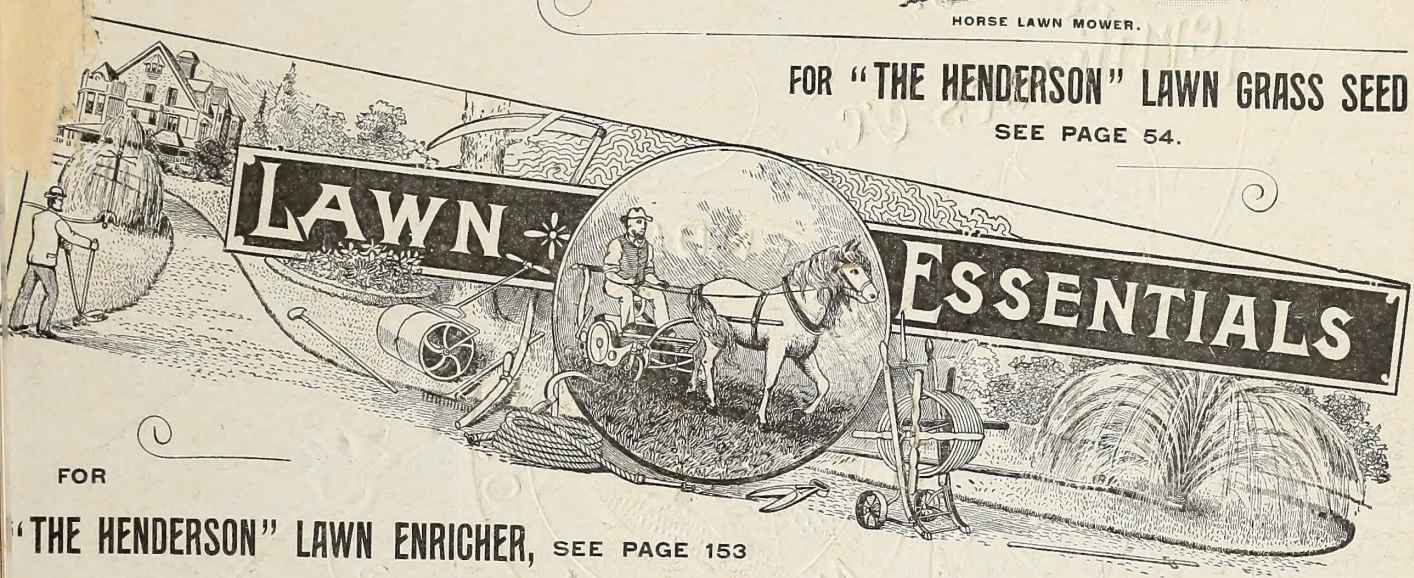
We can supply a small size (25 inch cut), for very hilly lawns and lawns full of trees and shrubs. It has no seat; the horse is hitched to a single tree attached to the Mower. Our net price for this is **$37.50,** or with shaft and side draft, **$45.00.**

HORSE BOOTS

To prevent horse from sinking in damp or soft ground, . . **$9.00** per set of four.



HORSE LAWN MOWER.

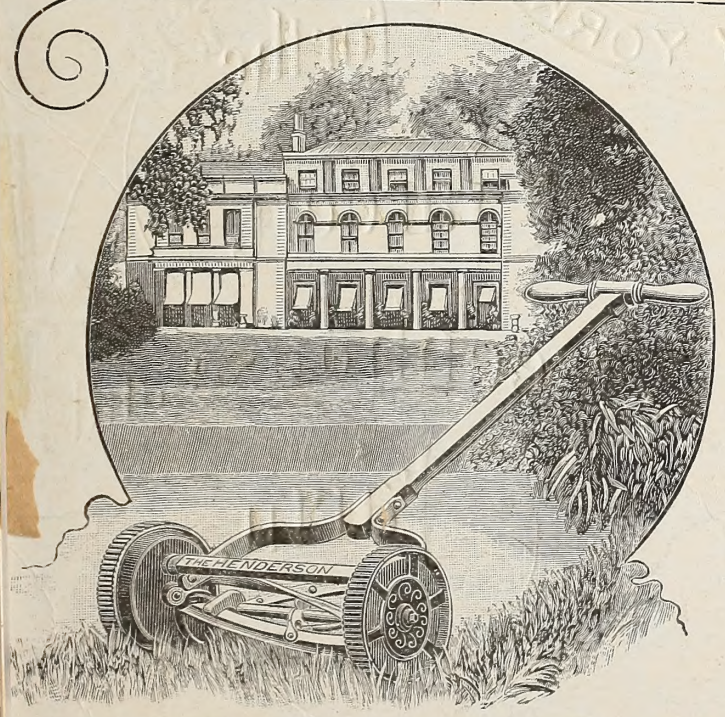


FOR "THE HENDERSON" LAWN GRASS SEED

SEE PAGE 54.

FOR

"THE HENDERSON" LAWN ENRICHER, SEE PAGE 153



"THE HENDERSON PERFECT," OUR NEW LAWN MOWER.

"Henderson Perfect" Lawn Mower.

Incomparably the Superior of any Mower on the Market.

THE sharp competition in Lawn Mowers for the past three years has so reduced prices that in consequence, the quality of both material and workmanship has deteriorated to such an extent that our customers tell us that it is almost impossible to get a Mower that will cut satisfactorily for any length of time, and the many requests for a high-class Mower has induced us to manufacture an entirely new Lawn Mower, **"The Henderson Perfect,"** and we claim for it—and guarantee the claim—that it will prove the most durable of any side-wheel Mower ever manufactured, being made of best quality new iron, patent journal boxes, and the knives of high-grade steel. It will keep sharp, cut well, and last three or four times as long as a cheap Mower. There are also many details of construction essentially different from any other Mower, and which could not be afforded on low-priced machines, simply made to sell. For instance, the bottom knife bar is stationary, making the frame perfectly rigid; the revolving cutter works on patent hangers, the cutter being adjusted to the stationary knife. A positive triple ratchet in each end is a grand improvement, giving great strength, and will last as long as the Mower. The gears do not move when the machine is pulled back, thereby saving much friction and wear, and a patent terrace mowing arrangement is a very effective and a valuable addition. The wheels are high (8 inches), enabling the Mower to cut high grass with ease. It is very light-running, noiseless, and leaves the surface of the lawn as smooth as velvet.

We reiterate, that **"The Henderson Perfect"** has been made, regardless of expense, to be the best and most durable Lawn Mower ever gotten up; and, although the price is necessarily a little higher than other Mowers, yet it will in the end prove much cheaper, aside from the annoying delays and expensive repairs experienced with cheap Mowers.

Prices of "The Henderson Perfect" Hand Lawn Mower:

(Strictly net. No charge for packing or cartage.)

12 in. $6.00 | 14 in. $7.00 | 16 in. $8.00 | 18 in. $9.00 | 20 in. $10.00

Seeds
Plants, Bulbs,
Tools,
Fertilizers &c.

for the Garden, Greenhouse and Farm.

GRIFFITH, AXTELL & CADY CO.
HOLYOKE, MASS